


Preisliste

2020-Q4

Accusysteme Transwatt
Coesterweg 41
59494 Soest



Alle Preise sind unverbindliche Preisempfehlungen
Alle Preise gelten ab Werk, zuzüglich Verpackung und Versand
Alle Preise gelten pro Stück
Hinweis: Batterien sind vom Umtausch ausgeschlossen
Preis- Artikel- und technische Änderungen sowie Druckfehler vorbehalten

Es gelten die AGB der Accusysteme Transwatt GmbH
Alle vorherigen Preislisten verlieren Ihre Gültigkeit
Wiedereinlagerungsgebühr bei Stornierung 20%
Neue Produkte oder Änderungen an Produkten sind mit einem  markiert
Preisänderungen sind mit **roter** Schrift markiert

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Artikel	Art Nr.	LxBxH (mm)	kg	Netto ohne MwSt.	Brutto inkl. MwSt.	
LiFePo Batterie 12,8V						
	Batterie TH 12V/200Ah-4 (E)*	10016610	465x265x290	34,0	2.434,88 €	2.824,46 €
	Batterie TH 12V/200Ah-4 (M)**	10016611	465x265x290	34,0	2.434,88 €	2.824,46 €
	Batterie TH 12V/300Ah-4 (E)*	10013320	465x265x340	44,0	3.697,48 €	4.289,08 €
	Batterie TH 12V/300Ah-4 (M)**	10013321	465x265x340	44,0	3.697,48 €	4.289,08 €
	Batterie TH 12-100-2 (12,8V 100Ah inkl. BMS) inkl. Temperaturabschaltung für Ladung < 0°C	10020960	330x167x183	★ 14,5	839,50 €	973,82 €
Batterieüberwachungssystem Li/ Pb						
	TBS 12-300A-Li***	10019230	100x75x120	0,8	489,80 €	568,17 €
	TBS 12-500A-Li***	10019410	100x75x120	0,8	863,00 €	1.001,08 €
	TBS 24-300A-Li***	10014130	100x75x120	0,8	489,80 €	568,17 €
	TBS 48-200A-Li***	10014140	100x75x120	0,8	489,80 €	568,17 €
	TBS 12-300A-Pb***	10014640	100x75x120	1,7	545,00 €	632,20 €
* (E) = Endbatterie ** (M) = Mittelbatterie *** Kapazitätsüberwachung erforderlich: BMV60xS/70xS bzw. TPC Panel						
Mover Set						
	Mover Set 450	10017700		21,0	335,25 €	388,89 €
	Exide AGM Batterie EP450 + Blue Power Charger 12/10 IP65 + DC Connector + Batterieschalter + Batterie-Schnellverbinder					
	Mover Set 900	10017710		35,0	458,95 €	532,38 €
	Exide AGM Batterie EP900 + Blue Power Charger 12/10 IP65 + DC Connector + Batterieschalter + Batterie-Schnellverbinder					
Transwatt Bedienpaneele / Stromkreisverteiler						
	onDuty Core	10023090		0,1	671,43 €	778,86 €
	onDuty Light	10023100		0,1	377,31 €	437,68 €
	onDuty Power	10023110		0,1	419,33 €	486,42 €
	onDuty Display 5" mit Adapter	10023120		0,1	570,59 €	661,88 €
	onDuty Display 7" mit Adapter	10023130		0,1	621,01 €	720,37 €
	onDuty Display 9" mit Adapter	10023135		0,1	1.074,57 €	1.246,50 €
	onDuty MK3 mod	10023140		0,1	142,02 €	164,74 €
	onDuty Air	10023520		0,1	133,61 €	154,99 €
	onDuty Innentemperatursensor	10023530		0,1	74,79 €	86,76 €
	Transwatt Stromkreisverteiler GX Touch	10023330	252x190x70	★ 0,3	660,00 €	765,60 €
	Universal-Tankgeber TS1 von BEPMARINE	10023410		★ 0,1	144,45 €	167,56 €
	BEP USTS Programmier-Interface	10023490		★ 0,1	158,74 €	184,14 €

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Artikel	Art Nr.	LxBxH (mm)	kg	Netto	Brutto
				ohne MwSt.	inkl. MwSt.
Sicherungen					
	Sicherungshalter für MIDI-fuse Sicherungen				
	23 A Sicherung MIDI-Fuse, 32V	10012970	30x42x12	-	9,00 €
	30 A Sicherung MIDI-Fuse, 32V	10015640	30x42x12	-	3,20 €
	40 A Sicherung MIDI-Fuse, 32V	10018970	30x42x12	-	5,20 €
	50 A Sicherung MIDI-Fuse, 32V	10015650	30x42x12	-	5,20 €
	60 A Sicherung MIDI-Fuse, 32V	10018170	30x42x12	-	5,20 €
	200 A Sicherung MIDI-Fuse, 32V	10012960	30x42x12	-	5,20 €
		V0004450	30x42x12	-	12,00 €
	Sicherungshalter für Megafuse Sicherungen				
	60A Sicherung MEGA-Fuse, 32V	G1003416	97x39x39	-	12,00 €
	80A Sicherung MEGA-Fuse, 32V	G1004267	9x67x19	-	3,00 €
	100A Sicherung MEGA-Fuse, 32V	G1003617	9x67x19	-	3,00 €
	125A Sicherung MEGA-Fuse, 32V	G1003417	9x67x19	-	3,00 €
	200A Sicherung MEGA-Fuse, 32V	G1003612	9x67x19	-	3,00 €
	225A Sicherung MEGA-Fuse, 32V	G1003418	9x67x19	-	3,00 €
	300A Sicherung MEGA-Fuse, 32V	G1003662	9x67x19	-	3,00 €
	400A Sicherung MEGA-Fuse, 32V	G1003419	9x67x19	-	3,00 €
	500A Sicherung MEGA-Fuse, 32V	G1003520	9x67x19	-	4,80 €
		G1003611	9x67x19	-	5,00 €
	125A Sicherung, Megafuse, 58V	V0010110	9x67x19	-	30,00 €
	200A Sicherung, Megafuse, 58V	V0004840	9x67x19	-	30,00 €
	250A Sicherung, Megafuse, 58V	V0010290	9x67x19	-	30,00 €
	300A Sicherung, Megafuse, 58V	V0010120	9x67x19	-	30,00 €
Aderleitung					
	Aderleitung H07V-K 6mm ²	08234600		-	1,20 €
	Aderleitung H07V-K 10mm ²	07888080		-	2,70 €
	Aderleitung H07V-K 16mm ²	10011200		-	2,25 €
	Aderleitung H01N2-D 25mm ²	10008570	N/A	-	3,30 €
	Aderleitung H01N2-D 35mm ²	10005530	N/A	-	5,02 €
	Aderleitung H01N2-D 50mm ²	10005540	N/A	-	6,50 €
	Aderleitung H01N2-D 70mm ²	01563330	N/A	-	12,72 €
	Aderleitung H01N2-D 95mm ²	10019720	N/A	-	12,72 €
Andere Kabeltypen bitte Anfragen					
Kabelschuhe					
	Quetschkabelschuh 35mm ² Bohrung M8	06579190	N/A	-	1,00 €
	Quetschkabelschuh 35mm ² Bohrung M10	06570620	N/A	-	1,00 €
	Quetschkabelschuh 50mm ² Bohrung M8	07128130	N/A	-	1,00 €
	Quetschkabelschuh 50mm ² Bohrung M10	07128210	N/A	-	1,00 €
	Quetschkabelschuh 70mm ² Bohrung M8	G1002730	N/A	-	1,50 €
	Quetschkabelschuh 70mm ² Bohrung M10	06553070	N/A	-	1,59 €
	Quetschkabelschuh 95mm ² Bohrung M8	00997240	N/A	-	2,20 €
	Quetschkabelschuh 95mm ² Bohrung M10	10014810	N/A	-	2,20 €
Andere Kabelschuhe, Stoßverbinder udgl. bitte Anfragen					
Montagezubehör					
	Spoiler für Solarmodule, 55cm lang, 2 Stk, weiß	10023630		1,2	48,66 €
	Spoiler für Solarmodule, 68cm lang, 2 Stk, weiß	10115220		1,3	42,00 €
	Spoiler für Solarmodule, 53cm lang, 2 Stk, schwarz	10022740		1,2	29,33 €
	Spoiler für Solarmodule, Eckprofil, 4 Stk	S0000370		1,4	38,66 €
	Dachdurchführung mit einem Eingang	S0000140	120x65x40	0,1	12,52 €
	Dachdurchführung mit zwei Eingängen	S0000150	120x110x40	0,1	14,70 €
	DEKALIN DEKASYL MS-5 weiß, 290ml	10016020		0,5	21,90 €
	DEKALIN DEKASYL MS-5 schwarz, 290ml	10115180		0,5	21,90 €
	(+) Verteilung im Sicherungskasten AP Haubenverteiler mit Reihen-Sicherungsklemmen für 17 Sicherungskreise	10016520	211x140x80	1,2	195,50 €
	Batterie Trennschalter 100A	10017640	100x80x59		14,25 €
	Batterieschalter 600A Dauerbelastung Blue Sea Systems	10018390	72x72x78		97,02 €
	Batterieschalter 300A Dauerbelastung Blue Sea Systems	10018400	72x72x79		45,26 €
	Exide AGM Batterie EP 450 12V/50Ah	10017670	260x173x206	19,0	213,31 €
	Exide AGM Batterie EP 900 12V/100Ah	10017680	330x173x240	32,0	336,18 €
	Batterie-Schnellverbinderset rot und blau	10018460			6,19 €

Kleinmengenzuschlag bei Bestellungen unter 100,- €
 Kabelkonfektionierung auf Anfrage


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Transwatt Solar Platten mit Alu-Rahmen

	Transwatt Solar-Panele TWS110M 110 Wp Mono	10023620	1165x550x35	★	7,4	159,00 €	184,44 €
	Transwatt Solar-Panele 370 Wp-24V Monokristallin	S0001000	2000x1000x35	★	22,5	269,00 €	312,04 €
	Transwatt Solar SunPower 110Wp TWS 110 SPB Black	10023640	1037x527x35	★	7,4	249,14 €	289,00 €
	Transwatt Solar-Panele 110 Wp Schindelzellen (BKL)	10022680	1031x530x35		7,9	159,58 €	185,11 €
	Transwatt Solar-Panele 160 Wp Schindelzellen (BKL)	10022690	1531x530x35		12,0	226,81 €	263,10 €

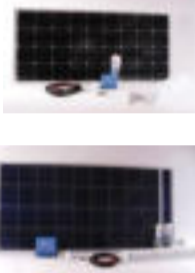
Transwatt Solar Semi-Flex

	Solarmodul Flexibel 110 Wp E485M31 (DC-Solar)	S0000990	1100x540x4		4,3	394,12 €	457,18 €
	Solarmodul Flexibel 140 Wp (DC-Solar)	S0001010	1080x700x4		4,5	470,81 €	546,14 €


Art Nr. LxBxH (mm) á Platte Set kg Netto Brutto

Solar Sets

Bestehend aus Solarplatte, Solarregler, Dachdurchführung, Solarkabel mit Stecker, Spoiler und Kleber

	Solar-Set 100 Wp (1x 100Wp Mono. Solarplatte)	10020440	1190x510x35		12,0	461,34 €	535,15 €
	Solar-Set 175 Wp (1x 175Wp Mono. Solarplatte)	10020470	1485x668x30		19,0	612,61 €	710,63 €
	Solar-Set 200 Wp (2x 100Wp Mono. Solarplatten)	10020450	1190x510x35		21,0	696,64 €	808,10 €
	Solar-Set 350 Wp (2x 175Wp Mono. Solarplatten)	10020460	1485x668x30		44,0	1.091,60 €	1.266,26 €
	Solar-Set 525 Wp (3x 175Wp Mono. Solarplatten)	10020490	1485x668x30		58,0	1.679,83 €	1.948,60 €
	Solar-Set 700 Wp (4x 175Wp Mono. Solarplatten)	10021090	1485x668x30		70,0	2.100,00 €	2.436,00 €
	Set 110 Wp-24 Semi (1x 110Wp E485M31 DC-Solar)	10020710	1100x540x4	★	Februar	780,67 €	905,58 €
	Set 220 Wp-24 Semi (2x 110Wp E485M31 DC-Solar)	10020720	1100x540x4	★	Februar	1.469,74 €	1.704,90 €
	Set 140 Wp-24 Semi (1x 140Wp DC-Solar)	10021870	1080x700x4	★	Februar	898,31 €	1.042,04 €
	Set 280 Wp-24 Semi (2x 140Wp DC-Solar)	10021880	1080x700x4	★	Februar	1.678,99 €	1.947,63 €
	Solar-Set 110 Wp High End (1x 110Wp SPB)	10021920	1037x527x35	★	12,0	714,45 €	828,76 €
	Solar-Set 220 Wp High End (2x 110Wp SPB)	10021930	1037x527x35	★	23,0	1.091,60 €	1.266,26 €
	Solar-Set 110 Wp High End (1x 110Wp BKL)	10023860	1031x530x35		12,0	637,82 €	739,87 €
	Solar-Set 220 Wp High End (2x 110Wp BKL)	10023870	1031x530x35		23,0	889,92 €	1.032,31 €
	Solar-Set 160 Wp High End (1x 160Wp BKL)	10021940	1531x530x35		19,0	755,46 €	899,00 €
Solar-Set 320 Wp High End (2x 160Wp BKL)	10021950	1531x530x35		40,0	1.259,66 €	1.499,00 €	

Heimspeicher - Pylontech

	PYLONTECH US3000 Speicher 48V 3,5kWh	10023310	483x440x132	★	32,0	1.445,00 €	1.676,20 €
	PYLONTECH US2000 Speicher 48V 2,4kWh	10021100	483x440x88,5		24,0	982,35 €	1.139,53 €
	19" Rack für PYLONTECH US2000 Speicher	10021110			12,0	119,00 €	138,04 €
	Batterieschrank Gen.1 für PYLONTECH US2000 16HE	10021130	600x600x988		n.a.	312,50 €	362,50 €
	Batteriekabelsatz 2x2 Meter 25mm²	10021130			0,5	49,58 €	57,51 €
	Communication HUB für max. 5 Stacks à 8 Batterien	10022320			3,0	661,50 €	767,34 €









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Artikel	Art Nr.	LxBxH (mm)		kg	Netto	Brutto
Liontron Lithiumbatterien 12,8V LX Smart und LXArtic Smart BMS mit Bluetooth						
Liontron LiFePO4 12,8V 100Ah LX Smart BMS mit Bluetooth	10023680	345x172x208	★	14,5	978,16 €	1.134,67 €
Liontron LiFePO4 12,8V 100Ah LXArtic Smart BMS mit Bluetooth	10023690	345x172x208	★	14,5	1.077,54 €	1.249,95 €
Liontron LiFePO4 12,8V 150Ah LX Smart BMS mit Bluetooth	10023720	350x175x260	★	22,0	1.370,59 €	1.589,88 €
Liontron LiFePO4 12,8V 150Ah LXArtic Smart BMS mit Bluetooth	10023740	350x175x260	★	22,0	1.469,97 €	1.705,17 €
Liontron LiFePO4 12,8V 200Ah LX Smart BMS mit Bluetooth	10023730	390x232x260	★	26,0	1.775,63 €	2.059,73 €
Liontron LiFePO4 12,8V 200Ah LXArtic Smart BMS mit Bluetooth	10023750	390x232x260	★	26,0	1.875,02 €	2.175,02 €
Liontron Lithiumbatterien 12,8V Wohnmobil-Untersitz-Batterie LX						
Liontron LiFePO4 12,8V 150Ah Batterie LX	10023700	350x283x187	★	22,0	1.518,49 €	1.761,45 €
Liontron LiFePO4 12,8V 200Ah Batterie LX	10023710	350x283x187	★	29,0	2.023,53 €	2.347,29 €
Liontron Lithiumbatterien 25,6V LX Smart BMS mit Bluetooth						
Liontron LiFePO4 25,6V 20Ah LX Smart BMS mit Bluetooth	10023760	199x151x170	★	5,9	472,27 €	547,83 €
Liontron LiFePO4 25,6V 40Ah LX Smart BMS mit Bluetooth	10023770	260x169x209	★	10,8	812,60 €	942,62 €
Liontron LiFePO4 25,6V 100Ah LX Smart BMS mit Bluetooth	10023780	390x232x260	★	26,0	1.775,63 €	2.059,73 €


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Artikel	Art Nr.	LxBxH (mm)	kg	Netto	Brutto	
MG LFP Serie						
	MG LFP Battery 12,8V/210Ah/2700Wh	M0000100	395x154x276	22,0 (bis 12,8VDC)	2.018,00 €	2.340,88 €
	MG LFP Battery 25,6V/280Ah/7200Wh	M0000110	652x193x294	53,0 (bis 144VDC)	4.400,00 €	5.104,00 €
MG HE Serie						
	MG HE Battery 25,2V/100Ah/2500Wh	M0001010	362x214x193	15,7 (bis 144VDC)	2.199,75 €	2.551,71 €
	MG HE Battery 25,2V/100Ah/2500Wh (M12)	M0001020	362x214x193	15,7 (bis 144VDC)	2.357,25 €	2.734,41 €
	MG HE Battery 25,2V/100Ah/2500Wh (M12, HV)	MGHE242100	362x214x193	15,7 (bis 460VDC)	2.409,75 €	2.795,31 €
	MG HE Battery 25,2V/150Ah/3750Wh	M0001030	362x284x193	22,4 (bis 144VDC)	2.992,50 €	3.471,30 €
	MG HE Battery 25,2V/150Ah/3750Wh (M12)	MGHE240150	362x284x193	22,4 (bis 144VDC)	3.150,00 €	3.654,00 €
	MG HE Battery 25,2V/150Ah/3750Wh (M12, HV)	MGHE242150	362x284x193	22,4 (bis 460VDC)	3.202,50 €	3.714,90 €
	MG HE Battery 25,2V/200Ah/5000Wh	M0002010	362x355x193	28,6 (bis 144VDC)	3.515,00 €	4.077,40 €
	MG HE Battery 25,2V/200Ah/5000Wh (M12)	MGHE240200	362x355x193	28,6 (bis 144VDC)	3.657,50 €	4.242,70 €
	MG HE Battery 25,2V/200Ah/5000Wh (M12, HV)	MGHE242200	362x355x193	28,6 (bis 460VDC)	3.705,00 €	4.297,80 €
	MG HE Battery 25,2V/300Ah/7500Wh	M0003010	366x497x193	41,5 (bis 144VDC)	4.715,00 €	5.469,40 €
	MG HE Battery 25,2V/300Ah/7500Wh (M12)	MGHE240300	366x497x193	41,5 (bis 144VDC)	4.873,00 €	5.652,68 €
	MG HE Battery 25,2V/300Ah/7500Wh (M12, HV)	MGHE242300	366x497x193	41,5 (bis 460VDC)	4.925,00 €	5.713,00 €
MG UHE Serie						
	MG UHE Battery 25,2V/220Ah/5500Wh	MGUHE240220	362x355x193	29,3 (bis 144VDC)	4.700,00 €	5.452,00 €
	MG UHE Battery 25,2V/330Ah/8300Wh	MGUHE240330	366x497x193	42,5 (bis 144VDC)	5.500,00 €	6.380,00 €
	MG UHE Battery 25,2V/330Ah/8300Wh (M12)	MGUHE242330	366x497x193	42,5 (bis 460VDC)	5.695,00 €	6.606,20 €
MG HP Serie						
	MG HP Battery 25,2V/90Ah/2250Wh	MGHP240090	362x214x193	15,7 Starter	2.509,50 €	2.911,02 €
	MG HP Battery 25,2V/90Ah/2250Wh (M12)	MGHP241090	362x214x193	15,7 Starter	2.667,00 €	3.093,72 €
	MG HP Battery 25,2V/135Ah/3400Wh	MGHP240135	362x284x193	22,4 Starter	3.570,00 €	4.141,20 €
	MG HP Battery 25,2V/135Ah/3400Wh (M12)	MGHP241135	362x284x193	22,4 Starter	3.727,50 €	4.323,90 €
	MG HP Battery 25,2V/180Ah/4500Wh	MGHP240180	362x355x193	28,6 Starter	4.515,00 €	5.237,40 €
	MG HP Battery 25,2V/180Ah/4500Wh (M12)	MGHP241180	362x355x193	28,6 Starter	4.672,50 €	5.420,10 €
MG E-Rack Serie						
	MG E-Rack Master 25,2V/15kWh (inkl. Master LV 150A)	MGER024015	690x480x500	126,0 inkl. Kabel	10.924,45 €	12.672,36 €
	MG E-Rack Master 50,4V/15kWh (inkl. Master LV 150A)	MGER048015	690x480x500	126,0 inkl. Kabel	10.924,45 €	12.672,36 €
	MG E-Rack Slave 25,2V/15kWh (No Master LV)	MGER024415	auf Anfrage	inkl. Kabel	10.063,50 €	11.673,66 €
	MG E-Rack Slave 50,4V/15kWh (No Master LV)	MGER048415	auf Anfrage	inkl. Kabel	10.063,50 €	11.673,66 €
MG RS Serie						
	MG RS Battery 43,8V/176Ah/7700Wh 300er Serie	MGRS12S4P176-300	539x355x323	75,0 (bis 900V)	8.600,00 €	9.976,00 €
	MG RS Battery 51,1V/132Ah/6700Wh 300er Serie	MGRS14S3P132-300	539x355x323	69,0 (bis 900V)	7.850,00 €	9.106,00 €
	MG RS Battery 58,4V/132Ah/7700Wh 300er Serie	MGRS16S3P132-300	539x355x323	75,0 (bis 900V)	8.600,00 €	9.976,00 €
	MG RS Battery 87,6V/88Ah/7700Wh 300er Serie	MGRS24S2P088-300	539x355x323	75,0 (bis 900V)	8.600,00 €	9.976,00 €
	RS Series exhaust ducting flange type	MGRS00100001			95,00 €	110,20 €
	RS Series exhaust ducting sleeve type	MGRS00100002			36,00 €	41,76 €
MG CS Serie (Liquid Cooling/Heating)						
	MG CS Battery 50,4V/200Ah/10kWh	MGCS480200		(bis 900V) auf Anfrage	auf Anfrage	Auf Anfrage
Battery Management Controllers / Low voltage master BMS						
	MG Master LV 12V/150A	MGMLV120150	428x226x177	3,8	755,10 €	875,92 €
	MG Master LV 12V/400A	MGMLV120400	428x226x177	4,6	864,90 €	1.003,28 €
	MG Master LV 12V/600A	MGMLV120600	428x226x177	5,7	1.049,40 €	1.217,30 €
	MG Master LV 12V/1000A	MGMLV121000	428x226x177	9,4	1.439,10 €	1.669,36 €
	MG Master LV 24-48V/150A	M0010100	428x226x177	3,8	880,95 €	1.021,90 €
	MG Master LV 24-48V/150A (M12)	MGMLV482150	428x226x177	3,8	959,70 €	1.113,25 €
	MG Master LV 24-48V/400A	M0010110	428x226x177	4,6	1.009,05 €	1.170,50 €
	MG Master LV 24-48V/400A (M12)	MGMLV482400	428x226x177	4,6	1.087,80 €	1.261,85 €
	MG Master LV 24-48V/600A	M0010130	428x226x177	5,7	1.224,30 €	1.420,19 €
	MG Master LV 24-48V/600A (M12)	MGMLV482600	428x226x177	5,7	1.303,05 €	1.511,54 €
	MG Master LV 24-48V/1000A	M0010120	428x226x177	9,4	1.678,95 €	1.947,58 €
	MG Master LV 24-48V/1000A (M12)	MGMLV481002	428x226x177	9,4	1.757,70 €	2.038,93 €
	MG Master LV 72-96V/500A	MGMLV960500	428x226x177	4,9	1.130,52 €	1.311,40 €
	MG Master LV 72-96V/500A (M12)	MGMLV962500	428x226x177	4,9	1.231,59 €	1.428,64 €
Battery Management Controllers / High voltage master BMS						
	MG Master HV 144-800V/300A	MGMHV800300	430x329x121	11,0	7.000,00 €	8.120,00 €
	MG Master HV 144-800V/500A	MGMHV800500	430x329x121	11,0	7.000,00 €	8.120,00 €
	Master HV I/O cable assembly 2m	MGCAA0010014			110,50 €	128,18 €




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Artikel	Art Nr.	LxBxH (mm)	kg	Netto	Brutto
Monitoring / Displays / Loggers & Interfaces					
 MG Energy Monitor	M0020010	105x71x38		330,00 €	382,80 €
MG USB CAN Interface	MGUSBCAN001			258,30 €	299,63 €
Cables and connectors					
M12 CANOpen cable 90 to 90 deg 0,6m	MGM12006001			19,84 €	23,01 €
M12 CANOpen cable 90 to 90 deg 1,0m	MGM12010001			30,87 €	35,81 €
M12 CANOpen cable 90 to 90 deg 2,0m	MGM12020001			39,45 €	45,76 €
M12 CANOpen cable 90 to 90 deg 3,0m	MGM12030001			35,95 €	41,70 €
M12 CANOpen cable 90 to 90 deg 5,0m	MGM12050001			59,82 €	69,39 €
M12 CANOpen Terminator Male	MGM12000010			8,03 €	9,31 €
M12 CANOpen Terminator Female	MGM12000020			7,24 €	8,40 €
M12 CANOpen cable 0 to 0 deg 0,5m	MGM12005002			22,05 €	25,58 €
M12 CANOpen cable 0 to 0 deg 1,0m	MGM12010002			28,11 €	32,61 €
M12 CANOpen cable 0 to 0 deg 2,0m	MGM12020002			34,18 €	39,65 €
M12 CANOpen cable 0 to 0 deg 3,0m	MGM12030002			35,95 €	41,70 €
M12 CANOpen cable 0 to 0 deg 5,0m	MGM12050002			52,29 €	60,66 €
M12 CANOpen cable 0 to 0 deg 10,0m	MGM12100002			80,92 €	93,87 €
M12 CANOpen cable 0 to 0 deg 15,0m	MGM12150002			99,05 €	114,90 €
M12 CANOpen cable 0 to 90 deg 2,0m	MGM12020003			44,84 €	52,01 €
M12 CANOpen cable 90 to 0 deg 2,0m	MGM12020004			45,34 €	52,59 €
M12 CANOpen Connector Male	MGM12000011			18,75 €	21,75 €
M12 CANOpen Connector Female	MGM12000021			26,18 €	30,37 €
High voltage fuses					
Fuse 150V/50A (72V bis 144V Systeme)	MGFUSE1501050			103,95 €	120,58 €
Fuse 150V/70A (72V bis 144V Systeme)	MGFUSE1501070			103,95 €	120,58 €
Fuse 150V/80A (72V bis 144V Systeme)	MGFUSE1501080			103,95 €	120,58 €
Fuse 150V/100A (72V bis 144V Systeme)	MGFUSE1501100			103,95 €	120,58 €
Fuse 150V/125A (72V bis 144V Systeme)	MGFUSE1501125			103,95 €	120,58 €
Fuse 150V/150A (72V bis 144V Systeme)	MGFUSE1501150			103,95 €	120,58 €
Fuse 150V/200A (72V bis 144V Systeme)	MGFUSE1501200			103,95 €	120,58 €
Fuse 150V/225A (72V bis 144V Systeme)	MGFUSE1501225			103,95 €	120,58 €
Fuse 150V/250A (72V bis 144V Systeme)	MGFUSE1501250			103,95 €	120,58 €
Fuse 150V/300A (72V bis 144V Systeme)	MGFUSE1501300			103,95 €	120,58 €
Fuse 150V/350A (72V bis 144V Systeme)	MGFUSE1501350			103,95 €	120,58 €
Fuse 150V/400A (72V bis 144V Systeme)	MGFUSE1501400			103,95 €	120,58 €

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Artikel	Art Nr.	LxBxH (mm)	kg	Netto	Brutto	
Votronic Lichtmaschinen Ladegeräte						
<i>Lieferung des ges. Votronic Programms</i>						
B2B-Ladegeräte für Blei- u. LiFePO4-Batterien - galvanisch isoliert -						
	Lade-Wandler VCC 1224-25 IUoU***	L0000720	265x138x74	1,7	348,66 €	404,45 €
	Lade-Wandler VCC 2424-25 IUoU***	L0000160	265x138x74	1,7	341,85 €	396,55 €
	Lade-Wandler VCC 2412-25 IUoU-Li***	L0000990	265x138x74	1,4	283,78 €	329,18 €
	Lade-Wandler VCC 2412-45 Li***	L0000470	245x160x71	1,7	353,19 €	409,70 €
	Lade-Wandler VCC 2412-45 IUoU-Li***	L0001150	265x138x74	1,7	353,19 €	409,70 €
	Lade-Wandler VCC 1212-25 IUoU-Li***	L0000730	265x138x74	1,4	267,90 €	310,76 €
	Lade-Wandler VCC 1212-45 Li***	L0000460	265x138x74	1,7	338,66 €	392,85 €
	Lade-Wandler VCC 1212-45 IUoU-Li***	L0000960	265x138x74	1,7	338,66 €	392,85 €
	12V B2B-Ladegeräte für Blei u. LiFePO4-Batterien - ohne galvanische Isolation -					
	Lade-Wandler VCC 1212-30 Lithium & Blei***	L0000970	146x67x40	0,5	151,26 €	175,46 €
Lade-Wandler VCC 1212-50 Lithium & Blei***	L0001140	157x138x74	1,0	273,70 €	317,49 €	
Lade-Wandler VCC 1212-70 Lithium & Blei***	L0001170	227x138x74	1,3	365,38 €	423,84 €	
Lade-Wandler VCC 1212-90 Lithium & Blei***	L0000980	227x138x74	1,5	421,85 €	489,35 €	
*** auch in der Marine-Version verfügbar (Aufpreis 5% auf den Listenpreis)						
12V Ladegeräte-Kombinationen für Blei- u. LiFePO4-Batterien Serie VBSC Triple						
<i>Lieferung des ges. Votronic Programms</i>						
Battery Charger VBSC 30/20/250 Triple	L0000890	217x250x85	2,7	555,71 €	644,62 €	
Battery Charger VBSC 45/30/350 Triple	L0000900	217x250x85	2,9	695,38 €	806,64 €	
Battery Charger VBSC 60/40/430 Triple	L0001510	217x250x85	2,9	825,88 €	958,02 €	
Votronic Solar-Regler						
<i>Lieferung des ges. Votronic Programms</i>						
	Solar-Regler SR 140 Duo Dig.	L0000310	131x77x40	0,2	54,71 €	63,46 €
	Solar-Regler SR 220 Duo Dig.	1615	131x77x40	0,2	63,03 €	73,11 €
	Solar-Regler SR 330 Duo Dig.	L0000220	131x77x40	0,2	78,07 €	90,56 €
	Solar-Regler SR 530 Duo Dig.	1625	131x77x40	0,2	114,54 €	132,87 €
	Solar-Regler SR 300-24 Duo Dig.	L0000780	131x77x40	0,2	85,55 €	99,24 €
	Solar-Regler MPP 165 Duo Dig.	L0000240	131x77x40	0,2	85,97 €	99,73 €
	Solar-Regler MPP 250 Duo Dig.	L0000250	131x77x40	0,2	118,99 €	138,03 €
	Solar-Regler MPP 350 Duo Dig.	L0000230	131x77x40	0,3	155,80 €	180,73 €
	Solar-Regler MPP 430 Duo Dig.	L0000180	160x100x71	0,7	191,34 €	221,95 €
	Votronic Periphere Geräte // StandBy-Charger					
<i>Lieferung des ges. Votronic Programms</i>						
StandBy-Charger	L0000880	90x60x38	0,5	24,12 €	27,98 €	
StandBy-Charger 24V	6065	90x60x38	0,5	27,73 €	32,17 €	
D+ Simulator	L0000820	70x36x17	0,1	39,08 €	45,33 €	
Votronic Füllstands-Messsysteme						
<i>Lieferung des ges. Votronic Programms</i>						
	Frischwassertankanzeige S	L0000270	29x63x18	-	34,96 €	40,55 €
	Abwassertankanzeige S	L0000280	29x63x18	-	36,39 €	42,21 €
	Fäkaltankanzeige S	L0000800	29x63x18	-	39,33 €	45,62 €
	Tank-Sensor FL	L0001010	N/A	-	40,34 €	46,79 €
	Tankelektrode 12-24K (nach Trinkwasserverordnung DIN 2001-2)	L0000930	N/A	-	51,01 €	59,17 €
	Tankelektrode 15-50 K (nach Trinkwasserverordnung DIN 2001-2)	L0000260		-	51,01 €	59,17 €
	Batterie-Computer S100	L0000860	80x85x25	-	142,02 €	164,74 €
	Batterie-Computer S200	L0000500	80x85x25	-	161,93 €	187,84 €
	Batterie-Computer S400	L0000870	80x85x25	-	204,62 €	237,36 €
	LCD-Solar-Computer S	L0000190	80x85x25	-	79,41 €	92,12 €
	LCD-Thermometer / Uhr	L000040	80x85x25	-	83,19 €	96,50 €
	Temperatur-Sensor 825	L0000050	2m Leitung	-	17,65 €	20,47 €

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Philippi Tankanzeige / Tankgeber

Lieferung des ges. Philippi Programms



Tankmonitor TCM 4V



Batterie, Tankmonitor BTM



Tanksensort TGW

Tankmonitor "TCM 4V"	P0000100	105x105x40	0,2	167,23 €	193,99 €
Batterie, Tank u. Lade-Monitor mit Touchscreen "BTM"	P0000990	105x105x35	0,1	209,24 €	242,72 €
Digitaler Tankmonitor mit Touchscreen "TCS" 2,4"	P0000980	105x75x35	0,1	133,61 €	154,99 €
Digitaler Tankmonitor mit Touchscreen "VTM" 3,5"	P0001240	105x105x35	0,1	184,03 €	213,47 €
Universal-Tankinterface UTI	P0000480	130x42x80	0,2	63,87 €	74,09 €
Shunt SHE 300 kompatibel zu BTM	P0001010	118x40x65	0,2	79,83 €	92,60 €
ACE-LIN Interface passend zu BTM für Ladegerät ACE	P0001020		0,1	37,82 €	43,87 €
Tank-Drucksonde TDN 200 (nur Wasser)	P0001030	max. 200cm Tankhöhe	0,2	251,26 €	291,46 €
Tank-Drucksonde TDS 200	P0000470	max. 200cm Tankhöhe	0,2	310,08 €	359,69 €
Tankgeber TGW 200	P0001340	min. 185mm Tankhöhe	0,2	86,55 €	100,40 €
Tankgeber TGW 250	P0000510	min. 235mm Tanktiefe	0,2	95,80 €	111,13 €
Tankgeber TGW 300	P0000450	min. 285mm Tanktiefe	0,2	104,20 €	120,87 €
Tankgeber TGW 450	P0000110	min. 435mm Tanktiefe	0,2	135,29 €	156,94 €
Tankgeber TGW 500	P0000490	min. 485mm Tanktiefe	0,2	143,70 €	166,69 €
Tankgeber TGW 600	P0000730	min. 585mm Tanktiefe	0,2	152,94 €	177,41 €
Tankgeber TGW 700	P0000460	min. 685mm Tanktiefe	0,2	161,34 €	187,15 €
Ultraschall Tanksensor UTV 20	P0000770	200mm	0,2	83,95 €	97,38 €
Ultraschall Tanksensor UTV 30	P0000800	300mm	0,2	83,95 €	97,38 €
Ultraschall Tanksensor UTV 45	P0000130	450mm	0,2	83,95 €	97,38 €
Schallführungsrohr UFT 40	P0000160	400mm	0,2	15,88 €	18,42 €

Philippi Sicherungsverteiler bis 30A / Sammelschienen / Klemmleisten / Stromkreisverteiler

Lieferung des ges. Philippi Programms



ASM 6/12



STV 207

ASM 6 Sicherungshalter für Flachsicherungen 6Stk. +/-	P0000210	125x84x39		46,00 €	53,36 €
ASM 12 Sicherungshalter für Flachsicherungen 12Stk. +/-	P0000240	165x84x39		57,50 €	66,70 €
MSB 6 Minus-Sammelschiene 6x M10	P0000220	240x39x55		50,00 €	58,00 €
MSB 4 Minus-Sammelschiene 4x M10	P0000230	180x39x55		40,76 €	47,28 €
MSS 9 Minus-Sammelschiene 4x M8 und 5x M6	P0000710	238x39x42		41,93 €	48,64 €
RKL 10 Klemmleiste montiert auf Hutschiene	P0000330	235x60x60		77,31 €	89,68 €
RKL 14 Klemmleiste montiert auf Hutschiene	P0000670	335x60x55		99,16 €	115,03 €
RKL 16/4 Klemmleiste montiert auf Hutschiene	P0000440	355x60x60		141,18 €	163,77 €
STV 203 (3x30A Wippschutzschalter)	P0000430	105x105x7		116,81 €	135,50 €
STV 204 (4x10A Wippschutzschalter)	P0000790	105x105x7		100,00 €	116,00 €
STV 207 (7x10A Wippschutzschalter + DC und USB)	P0000520	105x210x70		189,08 €	219,33 €
STV 208 (8x10A Wippschutzschalter)	10020070	210x105x70		175,63 €	203,73 €
STV 210 (10x10A Wippschutzschalter)	P0000340	105x210x70		209,24 €	242,72 €
STV 237 (BTM)	P0001150	157,5x210x70	★	360,50 €	418,18 €
STV 237 (VTM)	P0001320	157,5x270x70	★	335,29 €	388,94 €
LAE 236	P0001300	105x210x70	★	180,67 €	209,58 €
Leertafel Leer 202	P0000350	210x105x2,5		19,75 €	22,91 €

Philippi Steckdosen / USB-Ladesteckdosen

Lieferung des ges. Philippi Programms



USD GW














ADR 2







USD GW (USB Einbau-Doppel-Ladesteckdose)	P0000500			32,77 €	38,01 €
PSD 12/24MP (Einbausteckdose mit Deckel)	P0000660			8,32 €	9,65 €
USB Doppel-Ladesteckdose, schwarz, 5V/2x2,1A	P0000310	59,5x59,5		54,87 €	63,65 €
ND 230, schwarz, Schuko-Steckdose	P0000390	59,5x59,5		6,72 €	7,80 €
ND 230, weiß, Schuko-Steckdose	P0000610	59,5x59,5		6,72 €	7,80 €
ADR 1, schwarz, Abdeckrahmen 1-fach	P0000320	59,5x59,5		1,68 €	1,95 €
ADR 1, weiß, Abdeckrahmen 1-fach	P0000630	59,5x59,5		1,68 €	1,95 €
ADR 1, chrom matt, Abdeckrahmen 1-fach	P0000750	59,5x59,5		10,00 €	11,60 €
ADR 1, chrom glänzend, Abdeckrahmen 1-fach	P0000780	59,5x59,5		10,00 €	11,60 €
ADR 1, Edelstahl, Abdeckrahmen 1-fach	P0000580	59,5x59,5		4,37 €	5,07 €
ADR 2, schwarz, Abdeckrahmen 2-fach	P0000360	59,5x59,5		4,03 €	4,67 €
ADR 2, weiß, Abdeckrahmen 2-fach	P0000640	59,5x59,5		4,03 €	4,67 €
ADR 2, Edelstahl, Abdeckrahmen 2-fach	P0000590	59,5x59,5		6,13 €	7,11 €
ADR 3, schwarz, Abdeckrahmen 3-fach	P0000370	59,5x59,5		5,04 €	5,85 €
ADR 3, weiß, Abdeckrahmen 3-fach	P0000650	59,5x59,5		5,04 €	5,85 €
SKL, Sicherungsklemme für Hutschiene montage	P0000840	65 x 47 x 8		9,16 €	10,63 €
SKL-B, Brückenmaterial mit Schrauben, bis max. 34A	P0000850			5,04 €	5,85 €

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Telair






Artikel	Art Nr.	LxBxH (mm)	kg	Netto	Brutto
Telair Gas Generatoren				ohne MwSt.	inkl. MwSt.
 TIG 3000G, 3,0 kW mit automatischem Bedienteil und Bluetooth Schnittstelle	T0000200	501x260x382	52,5	3.601,68 €	4.177,95 €
 TIG 3000B, 3,0 kW mit automatischem Bedienteil und Bluetooth Schnittstelle	T0000220	501x260x382	51,8	3.254,62 €	3.775,36 €
 TIG 3000D, 2,8 kW mit automatischem Bedienteil und Bluetooth Schnittstelle	T0000190	585x410x470	78,0	5.436,97 €	6.306,89 €
 Energy 2510G, 2,5 kW mit automatischem Bedienteil	T0000020	295x555x385	60,0	3.425,21 €	3.973,24 €
 Energy 2510B, 2,5 kW, mit automatischem Bedienteil	905850	295x555x385	56,0	2.952,94 €	3.425,41 €
 Energy 2510D, 2,2 kW mit automatischem Bedienteil	T0000090	380x660x41	98,0	4.841,18 €	5.615,77 €
 Energy 4010D, 3,4 KVA mit automatischem Bedienteil	T0000030	390x690x410	110,0	5.945,38 €	6.896,64 €
 Energy 8012G, 70A /13,5V DC mit automatischem Bedienteil	T0000040	501x265x382	52,0	2.863,87 €	3.322,09 €
 Dieselfilter FD für Telair Diesel-Generatoren	T0000120			36,13 €	41,91 €
 Elektrische Diesel-Kraftstoffpumpe PEC für Telair Diesel Generatoren	T0000130			148,74 €	172,54 €
 Schalldämpfer TelAir 4010 G+B	T0000050			144,54 €	167,67 €

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Artikel	 Fischer Panda Generatorsysteme Hybridantriebe Energielösungen	Art Nr.	LxBxH (mm)	kg
Fischer Panda Diesel Generatoren				
<i>Lieferung des ges. Fischer Panda Programms</i>				
	Panda 5000i PVMV-N , 0-4,0 kW / 5,0 KVA	F0000570		9.967,00 € 11.561,72 €
	Panda 8000i PVMV-N, 0-6,4 kW / 8,0 KVA	F0000870		14.117,00 € 16.375,72 €
	Panda 10.000i PVMV-N, 0-6,4 kW / 8,0 KVA	F0001040		15.711,00 € 18.224,76 €
	Panda 15.000i PVMV-N 0-12 kW / 15 KVA	F0001920		18.527,00 € 21.491,32 €
	AGT 4000-12 PVMV-N, 3,2 kW	0014761		9.265,00 € 10.747,40 €
	AGT 4000-24 PVMV-N, 3,2 kW	0015453		9.373,00 € 10.872,68 €
	Panda 5000i PVK-U , 0-4,0 kW / 5,0 KVA	F0001530		10.964,00 € 12.718,24 €
	Panda 8000i PVK-U, 0-6,4 kW / 8,0 KVA	0015531		15.528,00 € 18.012,48 €
	Panda 10.000i PVK-U, 0-6,4 kW / 8,0 KVA	0005536		17.281,00 € 20.045,96 €
	Panda 15.000i PVK-U 0-12 kW / 15 KVA	0005532		20.379,00 € 23.639,64 €
	AGT 4000-12 PVK-U, 3,2 kW			10.239,00 € 11.877,24 €
	AGT 4000-24 PVK-U, 3,2 kW	0015473		10.285,00 € 11.930,60 €
	Panda 5000i PVK-UK , 0-4,0 kW / 5,0 KVA**	F0000780		12.281,00 € 14.245,96 €
	Panda 8000i PVK-UK, 0-6,4 kW / 8,0 KVA **	F0001160		17.392,00 € 20.174,72 €
	Panda 10.000i PVK-UK, 0-6,4 kW / 8,0 KVA**	0005535		19.355,00 € 22.451,80 €
	Panda 15.000i PVK-UK 0-12 kW / 15 KVA**	0015522		22.782,00 € 26.427,12 €
	AGT 4000-12 PVK-UK, 3,2 kW **			11.433,00 € 13.262,28 €
	AGT 4000-24 PVK-UK, 3,2 kW **		11.548,00 € 13.395,68 €	
	Panda 5000i.Neo PMS , 0-4,0 kW / 5,0 KVA*	0000227		5.880,00 € 6.820,80 €
	Panda 5000i PMS , 0-4,0 kW / 5,0 KVA*	0000176		9.046,00 € 10.493,36 €
	Panda 8000i PMS, 0-6,4 kW / 8,0 KVA*	0000183		11.155,00 € 12.939,80 €
	Panda 10.000i PMS, 0-6,4 kW / 8,0 KVA*	F0000660		12.358,00 € 14.335,28 €
	Panda 15.000i PMS 0-12 kW / 15 KVA*	F0001050		16.779,00 € 19.463,64 €
	AGT 4000-12 PMS, 3,2 kW*	0004934		8.356,00 € 9.692,96 €
	AGT 4000-24 PMS, 3,2 kW*	0000352		8.458,00 € 9.811,28 €
Fischer Panda Dachkühler				
<i>Lieferung des ges. Fischer Panda Programms</i>				
	RD-D, Dachkühler DC RD1.2	F0000730		866,00 € 1.004,56 €
	RD-D, Dachkühler DC RD2.2	0022841		1.698,00 € 1.969,68 €
	RD-D, Dachkühler DC RD3.2	0000426		1.790,00 € 2.076,40 €

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Artikel							Netto ohne MwSt.	Brutto inkl. MwSt.		
INVERTER										
230VAC/50Hz Sinewave										
			hxwxd	<	€	e				
						VEB	kg			
	Phoenix Inverter	Phoenix 12/250 VE.Direct Schuko*	PIN122510200	86 x 165 x 260	✓	✓	2,4	96,00 €	111,36 €	
		Phoenix 12/375 VE.Direct Schuko*	PIN123750200	86 x 165 x 260	✓	✓	3,0	124,00 €	143,84 €	
		Phoenix 12/500 VE.Direct Schuko*	PIN125010200	86 x 172 x 275	✓	✓	3,9	171,00 €	198,36 €	
		Phoenix 12/800 VE.Direct Schuko*	PIN121800200	105 x 216 x 305	✓	✓	5,5	280,00 €	324,80 €	
		Phoenix 12/1200 VE.Direct Schuko*	PIN122120200	117 x 232 x 362	✓	✓	7,4	410,00 €	475,60 €	
		Phoenix 12/1200 Schuko outlet*	PIN121220200	104 x 194 x 305	✓	✓	8,5	410,00 €	475,60 €	
	IEC Schuko	Phoenix 24/250 VE.Direct Schuko*	PIN242510200	86 x 165 x 260	✓	✓	2,4	96,00 €	111,36 €	
		Phoenix 24/375 VE.Direct Schuko*	PIN243750200	86 x 165 x 260	✓	✓	3,0	124,00 €	143,84 €	
		Phoenix 24/500 VE.Direct Schuko*	PIN245010200	86 x 172 x 275	✓	✓	3,9	171,00 €	198,36 €	
		Phoenix 24/800 VE.Direct Schuko*	PIN241800200	105 x 216 x 305	✓	✓	5,5	280,00 €	324,80 €	
		Phoenix 24/1200 VE.Direct Schuko*	PIN242120200	117 x 232 x 327	✓	✓	7,4	410,00 €	475,60 €	
	AU/NZ UK	Phoenix Inverter C 12/1200	CIN121220000	375 x 214 x 110	✓	✓	✓	10,0	633,00 €	734,28 €
		Phoenix Inverter C 12/1600	CIN121620000	375 x 214 x 110	✓	✓	✓	10,0	772,00 €	895,52 €
		Phoenix Inverter 12/1600 Smart	PIN122160000	485 x 219 x 125	✓	✓	✓	12,0	695,00 €	806,20 €
		Phoenix Inverter C 12/2000	CIN122020000	520 x 255 x 125	✓	✓	✓	13,0	872,00 €	1.011,52 €
		Phoenix Inverter 12/2000 Smart	PIN122200000	485 x 219 x 125	✓	✓	✓	13,0	785,00 €	910,60 €
		Phoenix Inverter 12/3000	PIN123020000	362 x 258 x 218	✓	✓	✓	18,0	1.236,00 €	1.433,76 €
		Phoenix Inverter 12/3000 Smart	PIN122300000	540 x 276 x 152	✓	✓	✓	18,0	1.056,00 €	1.224,96 €
	Phoenix Inverter C	Phoenix Inverter C 24/1200	CIN241220000	375 x 214 x 110	✓	✓	✓	10,0	633,00 €	734,28 €
		Phoenix Inverter C 24/1600	CIN241620000	375 x 214 x 110	✓	✓	✓	10,0	772,00 €	895,52 €
		Phoenix Inverter 24/1600 Smart	PIN242160000	485 x 219 x 125	✓	✓	✓	12,0	695,00 €	806,20 €
		Phoenix Inverter C 24/2000	CIN242020000	520 x 255 x 125	✓	✓	✓	13,0	872,00 €	1.011,52 €
		Phoenix Inverter 24/2000 Smart	PIN242200000	485 x 219 x 125	✓	✓	✓	13,0	785,00 €	910,60 €
		Phoenix Inverter 24/3000	PIN243020000	362 x 258 x 218	✓	✓	✓	18,0	1.236,00 €	1.433,76 €
		Phoenix Inverter 24/3000 Smart	PIN242300000	487 x 286 x 152	✓	✓	✓	18,0	1.056,00 €	1.224,96 €
		Phoenix Inverter 24/5000	PIN245020000	444 x 328 x 240	✓	✓	✓	28,0	1.945,00 €	2.256,20 €
		Phoenix Inverter 24/5000 Smart	PIN242500000	595 x 295 x 160	✓	★	✓	29,0	1.750,00 €	2.030,00 €
		Phoenix 48/250 VE.Direct Schuko*	PIN482510200	86 x 165 x 260	✓			2,4	112,00 €	129,92 €
		Phoenix 48/375 VE.Direct Schuko*	PIN483750200	86 x 165 x 260	✓			3,0	140,00 €	162,40 €
		Phoenix 48/500 VE.Direct Schuko*	PIN485010100	86 x 172 x 275	✓			3,9	202,00 €	234,32 €
		Phoenix 48/800 VE.Direct Schuko*	PIN481800200	105 x 216 x 305	✓			5,5	300,00 €	348,00 €
		Phoenix 48/1200 VE.Direct Schuko*	PIN482120200	117 x 232 x 327	✓			8,5	440,00 €	510,40 €
		Phoenix Inverter 48/1600 Smart	PIN482160000	485 x 219 x 125	✓			12,0	695,00 €	806,20 €
		Phoenix Inverter 48/2000 Smart	PIN482200000	485 x 219 x 125	✓			13,0	785,00 €	910,60 €
		Phoenix Inverter 48/3000	PIN483020000	362 x 258 x 218	✓		✓	18,0	1.112,00 €	1.289,92 €
		Phoenix Inverter 48/3000 Smart	PIN482300000	487 x 286 x 152	✓		✓	18,0	950,00 €	1.102,00 €
		Phoenix Inverter 48/5000	PIN485020000	444 x 328 x 240	✓		✓	28,0	1.575,00 €	1.827,00 €
	Phoenix Inverter 48/5000	Inverter RS 48/6000 230V Smart Solar	PIN482601000	424 x 440 x 125	✓	★		11,0	2.300,00 €	2.668,00 €

* All 12V and 24V inverters with Schuko outlet are also available with the following outlets:
IEC (male plug included), UK, AU/NZ (see appendix for article numbers)

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INVERTER/CHARGERS

230VAC/50Hz Sinewave



Multiplus 12/1200/50-16



Multiplus C



Multiplus 24/3000/70-16



Multiplus-II 48/3000/35-32










EasyPlus C 12/1600/70-16









EasySolar 48/3000 MPPT 150/70









MultiPlus 12/500/20-16	CMP125010000	311 x 182 x 100	✓	✓	✓	4,4	410,00 €	475,60 €	
MultiPlus 12/800/35-16	PMP121800000	360 x 240 x 100	✓	✓	✓	6,4	509,00 €	590,44 €	
MultiPlus 12/1200/50-16	PMP122120000	406 x 250 x 100	✓	✓	✓	8,2	710,00 €	823,60 €	
MultiPlus 12/1600/70-16	PMP122160000	465 x 270 x 120	✓	✓	✓	10,0	806,00 €	934,96 €	
MultiPlus C 12/800/35-16	CMP128010000	375 x 214 x 110	✓	✓	✓	10,0	736,00 €	853,76 €	
MultiPlus C 12/1200/50-16	CMP121220000	375 x 214 x 110	✓	✓	✓	10,0	921,00 €	1.068,36 €	
MultiPlus C 12/1600/70-16	CMP121620000	375 x 214 x 110	✓	✓	✓	10,0	942,00 €	1.092,72 €	
MultiPlus C 12/2000/80-30	CMP122020000	520 x 255 x 125	✓	✓	✓	13,0	1.177,00 €	1.365,32 €	
MultiPlus 12/3000/120-16	PMP123020000	362 x 258 x 218	✓	✓	✓	18,0	1.454,00 €	1.686,64 €	
MultiPlus 12/3000/120-50	PMP123021010	362 x 258 x 218	✓	✓	✓	18,0	1.570,00 €	1.821,20 €	
Quattro 12/3000/120-50/30	QUA123020010	362 x 258 x 218	✓	✓	✓	19,0	2.210,00 €	2.563,60 €	
Quattro 12/5000/220-100/100	QUA125020000	470 x 350 x 280	✓	✓	✓	34,0	3.442,00 €	3.992,72 €	
MultiPlus 24/500/10-16	CMP245010000	311 x 182 x 100	✓	✓	✓	4,4	410,00 €	475,60 €	
MultiPlus 24/800/16-16	PMP241800000	360 x 240 x 100	✓	✓	✓	6,4	509,00 €	590,44 €	
MultiPlus 24/1200/25-16	PMP242120000	406 x 250 x 100	✓	✓	✓	8,2	710,00 €	823,60 €	
MultiPlus 24/1600/40-16	PMP242160000	465 x 270 x 120	✓	✓	✓	10,0	806,00 €	934,96 €	
MultiPlus C 24/800/16-16	CMP248010000	375 x 214 x 110	✓	✓	✓	10,0	736,00 €	853,76 €	
MultiPlus C 24/1200/25-16	CMP241220000	375 x 214 x 110	✓	✓	✓	10,0	921,00 €	1.068,36 €	
MultiPlus C 24/1600/40-16	CMP241620000	375 x 214 x 110	✓	✓	✓	10,0	942,00 €	1.092,72 €	
MultiPlus C 24/2000/50-30	CMP242200000	520 x 255 x 125	✓	✓	✓	13,0	1.177,00 €	1.365,32 €	
MultiPlus 24/3000/70-16	PMP243020001	362 x 258 x 218	✓	✓	✓	18,0	1.454,00 €	1.686,64 €	
MultiPlus 24/3000/70-50	PMP243021010	362 x 258 x 218	✓	✓	✓	18,0	1.570,00 €	1.821,20 €	
Multiplus-II 24/3000/70-35	PMP242305010	499 x 268 x 141	✓	★	✓	19,0	1.342,00 €	1.556,72 €	
MultiPlus 24/5000/120-100	PMP245021010	444 x 328 x 240	✓	✓	✓	30,0	2.326,00 €	2.698,16 €	
Quattro 24/3000/70-50/30	QUA243020000	362 x 258 x 218	✓	✓	✓	19,0	2.100,00 €	2.436,00 €	
Quattro 24/5000/120-100/100	QUA245021010	444 x 328 x 240	✓	✓	✓	30,0	2.878,00 €	3.338,48 €	
Quattro 24/8000/200-100/100	QUA248020010	470 x 350 x 280	✓	✓	✓	41,0	3.632,00 €	4.213,12 €	
MultiPlus 48/500/6-16	CMP485010000	311 x 182 x 100	✓	✓	✓	4,4	432,00 €	501,12 €	
MultiPlus 48/800/8-16	PMP481800000	375 x 240 x 100	✓	✓	✓	6,4	536,00 €	621,76 €	
MultiPlus 48/1200/13-16	PMP482120000	406 x 250 x 100	✓	✓	✓	8,2	747,00 €	866,52 €	
MultiPlus 48/1600/20-16	PMP482160000	465 x 270 x 120	✓	✓	✓	10,0	848,00 €	983,68 €	
MultiPlus 48/3000/35-16	PMP483020001	362 x 258 x 218	✓	✓	✓	18,0	1.178,00 €	1.366,48 €	
MultiPlus-II 48/3000/35-32	PMP482305010	499 x 268 x 141	✓	✓	✓	18,0	1.060,00 €	1.229,60 €	
MultiPlus-II 48/3000/35-32 GX	PMP482306000	499 x 268 x 141	✓	✓	✓	19,0	1.360,00 €	1.577,60 €	
MultiPlus-II 48/5000/70-50	PMP482505010	560 x 320 x 141	✓	✓	✓	29,0	1.701,00 €	1.973,16 €	
MultiPlus-II 48/5000/70-50 GX	PMP482506000	560 x 320 x 141	✓	✓	✓	29,0	2.001,00 €	2.321,16 €	
Current Transformer 100A:50mA for Multiplus-II	CTR110000500						45,00 €	52,20 €	
MultiPlus 48/3000/35-50	PMP483021010	362 x 258 x 218	✓	✓	✓	18,0	1.208,00 €	1.401,28 €	
MultiPlus 48/5000/70-100	PMP485021010	444 x 328 x 240	✓	✓	✓	30,0	1.791,00 €	2.077,56 €	
Quattro 48/5000/70-100/100	QUA485021010	444 x 328 x 240	✓	✓	✓	30,0	2.330,00 €	2.702,80 €	
Quattro 48/5000/70-100/100-S	QUA485021011	500 x 328 x 240	✓	✓	✓	31,0	2.330,00 €	2.702,80 €	
Quattro 48/8000/110-100/100	QUA488024000	470 x 350 x 280	✓	✓	✓	41,0	3.162,00 €	3.667,92 €	
Quattro 48/10000/140-100/100	QUA481030010	470 x 350 x 280	✓	✓	✓	45,0	3.778,00 €	4.382,48 €	
Quattro 48/15000/200-100/100	QUA483150000	572 x 488 x 344	✓	✓	✓	72,0	4.963,00 €	5.757,08 €	
EasyPlus C 12/1600/70-16	CEP121620000	510 x 214 x 110	✓	✓	✓	11,0	972,00 €	1.127,52 €	
INVERTER/CHARGERS OPTIMISED FOR SELF CONSUMPTION / HOME STORAGE									
MultiGrid 24/3000/70-50	PMP243024000	362 x 258 x 218	✓	✓	✓	18,0	954,00 €	1.106,64 €	
EasySolar 12/1600/70-16 MPPT 100/50	CEP121621000	745 x 214 x 110	✓	✓	✓	12,0	1.380,00 €	1.600,80 €	
EasySolar 24/1600/40-16 MPPT 100/50	CEP241621010	745 x 214 x 110	✓	✓	✓	12,0	1.380,00 €	1.600,80 €	
EasySolar 24/3000/70 MPPT 150/70 ColorControl	PMP243027010	810 x 258 x 218	✓	✓	✓	28,0	2.025,00 €	2.349,00 €	
EasySolar-II 48/3000/35-32 MPPT 250/70 GX	PMP482307010	499 x 268 x 237	✓	✓	✓	26,0	2.025,00 €	2.349,00 €	
EasySolar 48/5000/70-100 MPPT 150/100 Color Cont	PMP485027010	877 x 328 x 241	✓	✓	✓	48,0	3.270,00 €	3.793,20 €	
VE.BUS Smart Dongle	ASS030537010			✓			80,00 €	92,80 €	

				kg		Netto	Brutto		
INVERTERS 120VAC						ohne MwSt.	inkl. MwSt.		
120VAC/60Hz Sinewave				hxwxd	<< e VE.	kg			
	Phoenix Inverter 12/800	Phoenix 12/250 VE.Direct NEMA 5-15R socket	PIN122510500	86 x 165 x 260	✓	2,4	96,00 €	111,36 €	
		Phoenix 12/375 VE.Direct NEMA 5-15R socket	PIN123750500	86 x 165 x 260	✓	3,0	124,00 €	143,84 €	
		Phoenix 12/500 VE.Direct NEMA 5-15R socket	PIN125010500	86 x 165 x 260	✓	3,9	171,00 €	198,36 €	
		Phoenix 12/800 VE.Direct NEMA 5-15R socket	PIN121800500	105 x 216 x 305	✓	5,5	280,00 €	324,80 €	
		Phoenix 12/1200 VE.Direct NEMA 5-15R socket	PIN122120500	117 x 232 x 362	✓	8,5	410,00 €	475,60 €	
		Phoenix 12/1200 NEMA 5-15R socket	PIN121220500	104 x 194 x 305	✓	8,5	332,00 €	385,12 €	
		Phoenix 24/250 VE.Direct NEMA 5-15R socket	PIN242510500	86 x 165 x 260	✓	2,4	96,00 €	111,36 €	
		Phoenix 24/375 VE.Direct NEMA 5-15R socket	PIN243750500	86 x 165 x 260	✓	3,0	124,00 €	143,84 €	
		Phoenix 24/500 VE.Direct NEMA 5-15R socket	PIN245010500	86 x 165 x 260	✓	3,9	171,00 €	198,36 €	
		Phoenix 24/800 VE.Direct NEMA 5-15R socket	PIN241800500	104 x 194 x 305	✓	5,5	280,00 €	324,80 €	
		Phoenix 24/1200 VE.Direct NEMA 5-15R socket	PIN242120500	117 x 232 x 327	✓	7,4	410,00 €	475,60 €	
		Phoenix Inverter 12/3000	Phoenix 48/250 VE.Direct NEMA 5-15R socket	PIN482510500	86 x 165 x 260	✓	2,4	112,00 €	129,92 €
		Phoenix 48/375 VE.Direct NEMA 5-15R socket	PIN483750500	86 x 165 x 260	✓	3,0	140,00 €	162,40 €	
		Phoenix 48/500 VE.Direct NEMA 5-15R socket	PIN485010500	86 x 165 x 260	✓	3,9	202,00 €	234,32 €	
		Phoenix 48/800 VE.Direct NEMA 5-15R socket	PIN481800500	105 x 216 x 305	✓	5,5	300,00 €	348,00 €	
		Phoenix 48/1200 VE.Direct NEMA 5-15R socket	PIN482120500	117 x 232 x 327	✓	7,4	440,00 €	510,40 €	
		Phoenix Inverter 12/3000	PIN123020100	362 x 258 x 218	✓	✓	18,0	1.236,00 €	1.433,76 €
	Phoenix Inverter 24/3000	PIN243020100	362 x 258 x 218	✓	✓	18,0	1.236,00 €	1.433,76 €	
INVERTER/CHARGERS 120VAC									
120VAC/60Hz Sinewave									
	MultiPlus	MultiPlus C 12/2000/80-50 120V	CMP122200100	520 x 255 x 125	✓	✓	13,0	1.177,00 €	1.365,32 €
		MultiPlus C 24/2000/50-50 120V	CMP242200100	520 x 255 x 125	✓	✓	13,0	1.177,00 €	1.365,32 €
		MultiPlus 12/3000/120-50 120V	PMP123021102	362 x 258 x 218	✓	✓	18,0	1.308,00 €	1.517,28 €
		MultiPlus 12/3000/120-50 120V (UL1741&458 certified)	PMP122301102	362 x 258 x 218	✓	✓	18,0	1.454,00 €	1.686,64 €
	Quattro	Quattro 12/5000/200-100/100 120V	QUA125021100	470 x 350 x 280	✓	✓	34,0	3.442,00 €	3.992,72 €
		MultiPlus 24/3000/70-50 120V	PMP243021102	362 x 258 x 218	✓	✓	18,0	1.308,00 €	1.517,28 €
		MultiPlus 24/3000/70-50 120V (UL1741&458 certified)	PMP242021102	362 x 258 x 218	✓	✓	18,0	1.454,00 €	1.686,64 €
		Multiplus-II 48/3000/35-32 120V	PMP482305100	536 x 275 x 147	✓	★	19,0	Dezember 1.308,00 €	1.517,28 €
		Quattro 24/5000/120-100/100 120V	QUA245023110	444 x 328 x 240	✓	✓	30,0	2.878,00 €	3.338,48 €
		Quattro 48/3000/35-50/50 120V	QUA483021100	362 x 258 x 218	✓	✓	18,0	1.890,00 €	2.192,40 €
	Quattro 48/5000/70-100/100 120V	QUA485021100	444 x 328 x 240	✓	✓	30,0	2.590,00 €	3.004,40 €	
	Quattro 48/10000/140-100/100 120V VE.Bus	QUA483100100	572 x 488 x 344	✓	✓	58,0	3.977,00 €	4.613,32 €	
	VE.Bus Smart Dongle	ASS030537010			✓		80,00 €	92,80 €	
BLUE SMART BATTERY CHARGERS: IP 65 waterproof 120VAC									
1 output, natural convection cooling. With NEMA 5-15R plug									
	Blue Smart IP65 Charger	Blue Smart IP65 Charger 12/5 + DC connector	BPC120531104R	47 x 95 x 190	✓		0,8	79,00 €	91,64 €
		Blue Smart IP65 Charger 12/7 + DC connector	BPC120731104R	47 x 95 x 190	✓		0,8	110,00 €	127,60 €
		Blue Smart IP65 Charger 12/10 + DC connector	BPC121031104R	60 x 105 x 190	✓		0,9	130,00 €	150,80 €
		Blue Smart IP65 Charger 12/15 + DC connector	BPC121531104R	60 x 105 x 190	✓		0,9	150,00 €	174,00 €
		Blue Smart IP65 Charger 24/5 + DC connector	BPC240831104R	47 x 95 x 190	✓		0,8	110,00 €	127,60 €
		Blue Smart IP65 Charger 24/8 + DC connector	BPC240831104R	60 x 105 x 190	✓		0,9	150,00 €	174,00 €
BATTERY CHARGERS: waterproof 120VAC									
120VAC/45-65Hz									
1 output. With NEMA 5-15R plug									
	Blue Smart IP67 Charger	Blue Smart IP67 Charger 12/7 (1)	BPC120715106	85 x 211 x 60	✓		1,8	105,00 €	121,80 €
		Blue Smart IP67 Charger 12/13 (1)	BPC121315106	85 x 211 x 60	✓		1,8	124,00 €	143,84 €
		Blue Smart IP67 Charger 12/17 (1)	BPC121715106	99 x 219 x 65	✓		2,4	136,00 €	157,76 €
		Blue Smart IP67 Charger 12/25 (1)	BPC122515106	99 x 219 x 65	✓		2,4	177,00 €	205,32 €
		Blue Smart IP67 Charger 24/5 (1)	BPC240515106	85 x 211 x 60	✓		1,8	105,00 €	121,80 €
		Blue Smart IP67 Charger 24/8 (1)	BPC240815106	99 x 219 x 65	✓		2,4	136,00 €	157,76 €
		Blue Smart IP67 Charger 24/12 (1)	BPC241215106	99 x 219 x 65	✓		2,4	177,00 €	205,32 €
		Blue Smart IP22 Charger	Blue Smart IP22 Charger 12/15 (1)	BPC121545102	235x108x65	✓	★	1,4	Dezember 133,00 €
	Blue Smart IP22 Charger 12/15 (3)	BPC121546102	235x108x65	✓	★	1,4	Dezember 152,00 €	176,32 €	
	Blue Smart IP22 Charger 12/20 (1)	BPC122045102	235x108x65	✓	★	1,4	Dezember 159,00 €	184,44 €	
	Blue Smart IP22 Charger 12/20 (3)	BPC122046102	235x108x65	✓	★	1,4	Dezember 180,00 €	208,80 €	
	Blue Smart IP22 Charger 12/30 (1)	BPC123045102	235x108x65	✓	★	1,4	190,00 €	220,40 €	
	Blue Smart IP22 Charger 12/30 (3)	BPC123046102	235x108x65	✓	★	1,4	216,00 €	250,56 €	
	Blue Smart IP22 Charger 24/8 (1)	BPC240845102	235x108x65	✓	★	1,4	Dezember 133,00 €	154,28 €	
	Blue Smart IP22 Charger 24/12 (1)	BPC241245102	235x108x65	✓	★	1,4	Dezember 163,00 €	189,08 €	
	Blue Smart IP22 Charger 24/16 (1)	BPC241645102	235x108x65	✓	★	1,4	Dezember 195,00 €	226,20 €	
	Blue Smart IP22 Charger 24/16 (3)	BPC241646102	235x108x65	✓	★	1,4	Dezember 221,00 €	256,36 €	











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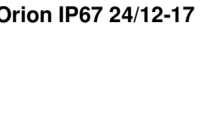







				kg	Netto	Brutto	
BATTERY CHARGERS Microprocessor controlled					ohne MwSt.	inkl. MwSt.	
		hxwxd	€	e	kg		
	180-265VAC/45-65Hz or 250-350VDC 1 output, natural convection cooling. With CEE 7/16 Plug (Europlug) Automotive IP65 Charger 6V/12V-1,1A (includes DC connector with clamps, eyelets and cigarette plug)	IP65 BPC120180034R	42 x 61 x 185	✓	0,6	40,00 €	46,40 €
	Automotive IP65 Charger 12V/4A-12V/1A (includes DC connector with clamps, eyelets and cigarette plug)	BPC120480034R	42 x 61 x 185	✓	0,6	47,00 €	54,52 €
	180-265VAC/45-65Hz or 250-350VDC 1 output, natural convection cooling. With CEE 7/7 Plug (Schuko). (includes DC connector with clamps and M8 eyelets)	IP65					
	Blue Smart IP65s Charger 12/4 + DC connector	BPC120433064R	45 x 81 x 182	✓	0,8	Auf Anfrage	Auf Anfrage
	Blue Smart IP65s Charger 12/5 + DC connector	BPC120533064R	45 x 81 x 182	✓	0,6	Auf Anfrage	Auf Anfrage
	Blue Smart IP65 Charger 12/7 + DC connector	BPC120731064R	47 x 95 x 190	✓	0,8	Auf Anfrage	Auf Anfrage
	Blue Smart IP65 Charger 12/10 + DC connector	BPC121031064R	60 x 105 x 190	✓	0,9	Auf Anfrage	Auf Anfrage
	Blue Smart IP65 Charger 12/15 + DC connector	BPC121531064R	60 x 105 x 190	✓	0,9	Auf Anfrage	Auf Anfrage
	Blue Smart IP65 Charger 12/25 + DC connector	BPC122531064	75 x 140 x 240	✓	1,9	Auf Anfrage	Auf Anfrage
	Blue Smart IP65 Charger 24/5 + DC connector	BPC240531064R	47 x 95 x 190	✓	0,8	Auf Anfrage	Auf Anfrage
	Blue Smart IP65 Charger 24/8 + DC connector	BPC240831064R	60 x 105 x 190	✓	0,9	Auf Anfrage	Auf Anfrage
	Blue Smart IP65 Charger 24/13 + DC connector	BPC241331064	75 x 140 x 240	✓	1,9	Auf Anfrage	Auf Anfrage
		Accessories for the the Blue Power IP65 Charger					
M6 eyelet connector (with 30A ATO fuse)		BPC900100014		✓		Auf Anfrage	Auf Anfrage
M8 eyelet connector (with 30A ATO fuse)		BPC900110014		✓		Auf Anfrage	Auf Anfrage
MagCode Power Clip 12V (max. 15A)		BPC900500014		✓		Auf Anfrage	Auf Anfrage
2 meter extension cable		BPC900200014		✓		Auf Anfrage	Auf Anfrage
12 Volt plug (cigarette plug)		BPC900300014		✓		Auf Anfrage	Auf Anfrage
Clamp connector (with 30A ATO fuse)		BPC900400014		✓		Auf Anfrage	Auf Anfrage
Battery Indicator Panel (M8 eyelet connector / 30A)		BPC900110114		✓		Auf Anfrage	Auf Anfrage
Battery Indicator Eyelet (M8 eyelet / 30A ATO fuse)		BPC900120114		✓		Auf Anfrage	Auf Anfrage
Rubber bumper for IP65 Charger 12/10, 12/15, 24/8		BPC920100100		✓		Auf Anfrage	Auf Anfrage
Wall Mount for IP65 Charger 12/10, 12/15, 24/8		BPC920100200		✓		Auf Anfrage	Auf Anfrage
Carry Case for Blue Smart IP65 Chargers and acces	BPC940100100	105 x 350 x 300	✓		0,9	Auf Anfrage	Auf Anfrage
	180-265VAC/45-65Hz or 250-350VDC 1 output or 3 outputs, fan assisted cooling. With CEE 7/7 Plug (Schuko)	IP22					
	Blue Smart IP22 Charger 12/15 (1)	BPC121542002	235 x 108 x 65	✓	1,4	133,00 €	154,28 €
	Blue Smart IP22 Charger 12/15 (3)	BPC121544002	235 x 108 x 65	✓	1,4	152,00 €	176,32 €
	Blue Smart IP22 Charger 12/20 (1)	BPC122042002	235 x 108 x 65	✓	1,4	159,00 €	184,44 €
	Blue Smart IP22 Charger 12/20 (3)	BPC122044002	235 x 108 x 65	✓	1,4	180,00 €	208,80 €
	Blue Smart IP22 Charger 12/30 (1)	BPC123042002	235 x 108 x 65	✓	1,4	190,00 €	220,40 €
	Blue Smart IP22 Charger 12/30 (3)	BPC123044002	235 x 108 x 65	✓	1,4	216,00 €	250,56 €
	Blue Smart IP22 Charger 24/8 (1)	BPC240842002	235 x 108 x 65	✓	1,4	133,00 €	154,28 €
	Blue Smart IP22 Charger 24/12 (1)	BPC241242002	235 x 108 x 65	✓	1,4	163,00 €	189,08 €
	Blue Smart IP22 Charger 24/16 (1)	BPC241642002	235 x 108 x 65	✓	1,4	195,00 €	226,20 €
	Blue Smart IP22 Charger 24/16 (3)	BPC241644002	235 x 108 x 65	✓	1,4	221,00 €	256,36 €
	BATTERY CHARGERS: IP65 / IP67						
	180-265VAC/45-65Hz 1 output. With CEE 7/7 Plug (Schuko)	IP67					
	Blue Smart IP67 Charger 12/7 (1)	BPC120713006	85 x 211 x 60	✓	1,8	105,00 €	121,80 €
	Blue Smart IP67 Charger 12/13 (1)	BPC121313006	85 x 211 x 60	✓	1,8	124,00 €	143,84 €
	Blue Smart IP67 Charger 12/17 (1)	BPC121713006	99 x 219 x 65	✓	2,4	136,00 €	157,76 €
	Blue Smart IP67 Charger 12/25 (1)	BPC122513006	99 x 219 x 65	✓	2,4	177,00 €	205,32 €
	Blue Smart IP67 Charger 12/25 (1+Si)	BPC122514006	99 x 219 x 65	✓	2,4	206,00 €	238,96 €
	Blue Smart IP67 Charger 24/5 (1)	BPC240513006	85 x 211 x 60	✓	1,8	105,00 €	121,80 €
	Blue Smart IP67 Charger 24/8 (1)	BPC240813006	99 x 219 x 65	✓	2,4	136,00 €	157,76 €
	Blue Smart IP67 Charger 24/12 (1)	BPC241213006	99 x 219 x 65	✓	2,4	177,00 €	205,32 €
	Blue Smart IP67 Charger 24/12 (1+Si)	BPC241214006	99 x 219 x 65	✓	2,4	206,00 €	238,96 €
See appendix for avibility of models with UK or AU/NZ plug							
	200-265V AC/65-65Hz or 250-350VDC	IP43					
	Phoenix Smart IP43 Charger 12/30 (1+1)	PSC123051085	180 x 249 x 100	✓	3,5	380,00 €	440,80 €
	Phoenix Smart IP43 Charger 12/30 (3)	PSC123053085	180 x 249 x 100	✓	3,5	409,00 €	474,44 €
	Phoenix Smart IP43 Charger 12/50 (1+1)	PSC125051085	180 x 249 x 100	✓	3,5	485,00 €	562,60 €
	Phoenix Smart IP43 Charger 12/50 (3)	PSC125053085	180 x 249 x 100	✓	3,5	513,00 €	595,08 €
	Phoenix Smart IP43 Charger 24/16 (1+1)	PSC241651085	180 x 249 x 100	✓	3,5	380,00 €	440,80 €
	Phoenix Smart IP43 Charger 24/16 (3)	PSC241653085	180 x 249 x 100	✓	3,5	409,00 €	474,44 €
	Phoenix Smart IP43 Charger 24/25 (1+1)	PSC242551085	180 x 249 x 100	✓	3,5	485,00 €	562,60 €
	Phoenix Smart IP43 Charger 24/25 (3)	PSC242553085	180 x 249 x 100	✓	3,5	513,00 €	595,08 €
	Mains Cord CEE 7/7 for Smart IP43 Charger 2m	ADA010100100		✓		10,00 €	11,60 €
	Mains Cord UK for Smart IP43 Charger 2m	ADA010100200		✓		10,00 €	11,60 €
Mains Cord AU/NZ for Smart IP43 Charger 2m	ADA010100300		✓		10,00 €	11,60 €	
Mains Cord NEMA 6-15P for Smart IP43 2m	ADA010100500		✓		10,00 €	11,60 €	














				kg	Netto	Brutto
					ohne MwSt.	inkl. MwSt.
BATTERY CHARGERS: analog control						
Universal input 90-265VAC/45-65Hz, or 90-400VDC		hxwxd	€ e	kg		
3x full current output						
	Centaur Charger 12/20 (3)	CCH012020000	355 x 215 x 110 ✓	3,8	360,00 €	417,60 €
	Centaur Charger 12/30 (3)	CCH012030000	355 x 215 x 110 ✓	3,8	400,00 €	464,00 €
	Centaur Charger 12/40 (3)	CCH012040000	426 x 239 x 135 ✓	5,0	490,00 €	568,40 €
	Centaur Charger 12/50 (3)	CCH012050000	426 x 239 x 135 ✓	5,0	510,00 €	591,60 €
	Centaur Charger 12/60 (3)	CCH012060000	426 x 239 x 135 ✓	5,0	530,00 €	614,80 €
	Centaur Charger 12/80 (3)	CCH012080000	505 x 255 x 130 ✓	12,0	880,00 €	1.020,80 €
	Centaur Charger 12/100 (3)	CCH012100000	505 x 255 x 130 ✓	12,0	1.075,00 €	1.247,00 €
	Centaur Charger 24/16 (3)	CCH024016000	355 x 215 x 110 ✓	3,8	442,00 €	512,72 €
	Centaur Charger 24/30 (3)	CCH024030000	426 x 239 x 135 ✓	5,0	618,00 €	716,88 €
	Centaur Charger 24/40 (3)	CCH024040000	505 x 255 x 130 ✓	12,0	808,00 €	937,28 €
Centaur Charger 24/60 (3)	CCH024060000	505 x 255 x 130 ✓	12,0	924,00 €	1.071,84 €	
BATTERY CHARGERS: microprocessor control						
Universal input 120-240VAC/45-65Hz, or 90-400VDC						
2x full current output + 1x 4A output						
	Phoenix Charger 12/30 (2+1) 120-240V	PCH012030001	350 x 200 x 108 ✓	3,8	484,00 €	561,44 €
	Phoenix Charger 12/50 (2+1) 120-240V	PCH012050001	350 x 200 x 108 ✓	3,8	647,00 €	750,52 €
	Phoenix Charger 24/16 (2+1) 120-240V	PCH024016001	350 x 200 x 108 ✓	3,8	484,00 €	561,44 €
	Phoenix Charger 24/25 (2+1) 120-240V	PCH024025001	350 x 200 x 108 ✓	3,8	647,00 €	750,52 €
BATTERY CHARGERS: microprocessor control						
230VAC and 400VAC/45-65Hz, or 180-400VDC						
1x full current output + 1x 4A output						
	Skylla IP44 12/60 (1+1) 120-240VAC	SKY012060000	401 x 300 x 165 ✓	6,0	671,00 €	778,36 €
	Skylla IP65 12/70 (1+1) 120-240VAC	SKY120700000	401 x 300 x 165 ✓ ★	6,0	Dezember 790,00 €	916,40 €
	Skylla IP44 12/60 (3) 120-240VAC	SKY012060100	401 x 300 x 165 ✓	6,0	740,00 €	858,40 €
	Skylla IP65 12/70 (3) 120-240VAC	SKY012070100	401 x 300 x 165 ✓ ★	6,0	Dezember 870,00 €	1.009,20 €
	Skylla IP44 24/30 (1+1) 120-240VAC	SKY024030000	401 x 300 x 165 ✓	6,0	671,00 €	778,36 €
	Skylla IP65 24/35 (1+1) 120-240VAC	SKY024035000	401 x 300 x 165 ✓ ★	6,0	Dezember 790,00 €	916,40 €
	Skylla IP44 24/30 (3) 120-240VAC	SKY024030100	401 x 300 x 165 ✓	6,0	740,00 €	858,40 €
	Skylla IP65 24/35 (3) 120-240VAC	SKY0240350100	401 x 300 x 165 ✓ ★	6,0	Dezember 870,00 €	1.009,20 €
	Skylla-TG 24/30 (1+1)	SDTG2400301	365 x 250 x 147 ✓	5,5	707,00 €	820,12 €
	Skylla-TG 24/50 (1+1)	SDTG2400501	365 x 250 x 147 ✓	5,5	765,00 €	887,40 €
	Skylla-TG 24/80 (1+1)	SDTG2400801	365 x 250 x 257 ✓	10,0	1.254,00 €	1.454,64 €
	Skylla-TG 24/100 (1+1)	SDTG2401001	365 x 250 x 257 ✓	10,0	1.514,00 €	1.756,24 €
	Skylla-TG 24/50 3-phase (1+1)	STG024050300	365 x 250 x 257 ✓	13,0	1.389,00 €	1.611,24 €
	Skylla-TG 24/100 3-phase (1+1)	STG024100300	515 x 260 x 265 ✓	23,0	2.221,00 €	2.576,36 €
	Skylla-TG 24/30 (1+1) 120-240VAC	SDTG2400303	365 x 250 x 147 ✓ GL**	5,5	863,00 €	1.001,08 €
	Skylla-TG 24/50 (1+1) 120-240VAC	SDTG2400503	365 x 250 x 147 ✓ GL**	5,5	934,00 €	1.083,44 €
	Skylla-TG 24/100 (1+1) 120-240VAC	SDTG2401003	365 x 250 x 257 ✓ GL**	10,0	1.846,00 €	2.141,36 €
	Skylla-TG 24/30 GMDSS 120-240VAC excl. panel	SDTG2400302	365 x 250 x 147 ✓	6,0	1.081,00 €	1.253,96 €
	Skylla-TG 24/50 GMDSS 120-240VAC excl. panel	SDTG2400504	365 x 250 x 147 ✓	6,0	1.358,00 €	1.575,28 €
	Skylla-TG 48/25 (1+1)	SDTG4800251	365 x 250 x 147 ✓	5,5	918,00 €	1.064,88 €
	Skylla-TG 48/50 (1+1)	SDTG4800501	365 x 250 x 257 ✓	10,0	1.632,00 €	1.893,12 €
	Skylla-i 24/80 (1+1)	SKI024080000	402 x 250 x 140 ✓	8,0	1.200,00 €	1.392,00 €
	Skylla-i 24/80 (3)	SKI024080002	402 x 250 x 140 ✓	8,0	1.400,00 €	1.624,00 €
	Skylla-i 24/100 (1+1)	SKI024100000	402 x 250 x 140 ✓	8,0	1.450,00 €	1.682,00 €
	Skylla-i 24/100 (3)	SKI024100002	402 x 250 x 140 ✓	8,0	1.700,00 €	1.972,00 €
	Skylla-i remote on-off cable	ASS030550400			35,00 €	40,60 €














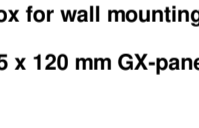
**Germanischer Lloyd approval. Category C, EMC 1

SHORE CABLES		hxwd	€	e	kg	ohne MwSt.	inkl. MwSt.
Shore Power Cords with Shore Power Organiser Bag							
	Shore Power Cord 15m 16A			✓		150,00 €	174,00 €
	Shore Power Cord 25m 16A			✓		204,00 €	236,64 €
	Shore Power Cord 15m 25A			✓		193,00 €	223,88 €
	Shore Power Cord 25m 32A			✓		377,00 €	437,32 €
	Power Inlet 16A polyamid wth cover			✓		58,00 €	67,28 €
	Power Inlet 16A stainless steel with cover			✓		84,00 €	97,44 €
	Power Inlet 32A stainless steel with cover			✓		111,00 €	128,76 €
	Plug 16A/250Vac (2p/3w) for Power Inlet 16A			✓		67,00 €	77,72 €
	Plug 32A/250Vac (2p/3w) for Power Inlet 32A			✓		91,00 €	105,56 €
	Adapter Cord 16A/250V Schuko/CEE			✓		21,00 €	24,36 €
	Adapter Cord 16A/250V CEE/Schuko			✓		20,00 €	23,20 €
	Splitter Cord 16A/250V CEE/2xCEE			✓		68,00 €	78,88 €
	Adapter Cord 16A to 32A/250V CEE/CEE			✓		30,00 €	34,80 €
	Adapter Cord 32A 3 phase to single phase			✓		41,00 €	47,56 €
							
Adapter Cord SHP307700220	Adapter Cord SHP307700260	Splitter Cord SHP307700240	Adapter Cord SHP307700280	Adapter Cord SHP307700300			
ISOLATION TRANSFORMERS / AUTOTRANSFORMER / GALVANIC ISOLATOR		hxwd	€	e	kg	ohne MwSt.	inkl. MwSt.
	Isolation Trans. 2000W 115/230V			✓	10,0	494,00 €	573,04 €
	Isolation Trans. 3600W 115/230V			✓	23,0	697,00 €	808,52 €
	Isolation Trans. 7000W 230V			✓	26,0	907,00 €	1.052,12 €
	Isolation Trans. 3600W Auto 115/230V with automatic inputvoltage detection			✓	23,0	785,00 €	910,60 €
	Autotransformer 120/240VAC-32A			✓	10,0	561,00 €	650,76 €
	Autotransformer 120/240VAC-100A The ultimate solution for split phase installations			✓	13,5	679,00 €	787,64 €
	Galvanic Isolator VDI-16			✓	1,0	102,00 €	118,32 €
	Galvanic Isolator VDI-32			✓	2,0	209,00 €	242,44 €
	Galvanic Isolator VDI-64			✓	2,0	266,00 €	308,56 €



DC-DC CONVERTERS






	Not isolated, resin encapsulated						
	Orion IP67 24/12-5 (60W)	ORI241205060	25 x 43 x 20	✓	0,1	24,00 €	27,84 €
	Orion IP67 24/12-10 (120W)	ORI241210060	74 x 74 x 32	✓	0,4	40,00 €	46,40 €
	Orion IP67 24/12-20 (240W)	ORI241220060	74 x 74 x 32	✓	0,5	52,00 €	60,32 €
	Orion IP67 12/24-50 (1200W)	ORI12241226	340 x 127 x 63	✓	3,1	300,00 €	348,00 €
	Not isolated						
	Orion-Tr 24/12-5 (60W)	ORI241205200R	53 x 51 x 27	✓	0,1	18,00 €	20,88 €
	Orion-Tr 24/12-10 (120W)	ORI241210200R	73 x 94 x 37	✓	0,2	36,00 €	41,76 €
	Orion-Tr 24/12-15 (180W)	ORI241215200R	73 x 94 x 45	✓	0,3	41,00 €	47,56 €
	Orion-Tr 24/12-20 (240W)	ORI241220200R	73 x 94 x 45	✓	0,3	46,00 €	53,36 €
	Orion 24/12-25	ORI241225020	65 x 88 x 160	✓	0,7	72,00 €	83,52 €
	Orion 24/12-40	ORI241240021	65 x 88 x 185	✓	0,9	102,00 €	118,32 €
	Orion 24/12-70	ORI241270020	65 x 88 x 195	✓	0,9	144,00 €	167,04 €
	Orion 24/12-70 with binding posts	ORI241270030	65 x 88 x 195	✓	0,9	144,00 €	167,04 €
		Orion 12/24-8	ORI122408020	45 x 90 x 115	✓	0,3	59,00 €
Orion 12/24-10		ORI122410020	45 x 90 x 125	✓	0,4	72,00 €	83,52 €
Orion 12/24-20		ORI122420020	65 x 88 x 195	✓	0,9	162,00 €	187,92 €
	25A Buck-Boost DC/DC converter	ORI303025000	165 x 120 x 30	✓	0,9	536,00 €	621,76 €
	50A Buck-Boost DC/DC converter	ORI303050000	213 x 120 x 30	✓	1,1	665,00 €	771,40 €
	100A Buck-Boost DC/DC converter	ORI303100000	288 x 165 x 50	✓	4,0	1.164,00 €	1.350,24 €
	CAN-bus Temp. Sensor for Buck-Boost DC/DC conv.	ASS000200100		✓★		130,00 €	150,80 €
	Orion-Tr Smart 12/12-30A DC-DC charger	ORI121236140	130 x 186 x 80	✓	1,8	224,00 €	259,84 €
	Orion-Tr Smart 24/12-15A (360W) DC-DC charger	ORI122436140	130 x 186 x 80	✓	1,8	224,00 €	259,84 €
	Orion-Tr Smart 24/12-30A (360W) DC-DC charger	ORI241236140	130 x 186 x 80	✓	1,8	224,00 €	259,84 €
	Orion-Tr Smart 24/24-17A (400W) DC-DC charger	ORI242440140	130 x 186 x 70	✓	1,6	224,00 €	259,84 €
	With galvanic isolation						
	Orion-Tr 12/12-9A (110W)	ORI121210110R	100 x 113 x 47	✓	0,6	66,00 €	76,56 €
	Orion-Tr 12/12-18A (220W)	ORI121222110	130 x 186 x 70	✓	1,3	119,00 €	138,04 €
	Orion-Tr 12/12-30A (360W)	ORI121240110	130 x 186 x 80	✓	1,8	220,00 €	255,20 €
	Orion-Tr 12/24-5A (120W)	ORI121240110	100 x 113 x 47	✓	0,6	66,00 €	76,56 €
	Orion-Tr 12/24-10A (240W)	ORI122424110	130 x 186 x 70	✓	1,3	119,00 €	138,04 €
	Orion-Tr Smart 12/12-18A (220W) DC-DC charger	ORI121222120	130 x 186 x 70	✓	1,3	167,00 €	193,72 €
	Orion-Tr Smart 12/12-30A (360W) DC-DC charger	ORI121236120	130 x 186 x 80	✓	1,8	268,00 €	310,88 €
	Orion-Tr Smart 12/24-10A (240W) DC-DC charger	ORI122424120	130 x 186 x 70	✓	1,3	167,00 €	193,72 €
	Orion-Tr Smart 12/24-15A (360W) DC-DC charger	ORI122436120	130 x 186 x 80	✓	1,8	268,00 €	310,88 €
	Orion-Tr Isolated DC-DC Charger remote cable	ASS070300100		✓★		20,00 €	23,20 €
	Orion-Tr 24/12-9A (110W)	ORI241210110R	100 x 113 x 47	✓	0,6	66,00 €	76,56 €
	Orion-Tr 24/12-20A (240W)	ORI241224110	130 x 186 x 70	✓	1,3	119,00 €	138,04 €
	Orion-Tr 24/12-30A (360W)	ORI241240110	130 x 186 x 70	✓	1,8	220,00 €	255,20 €
	Orion-Tr 24/24-5A (120W)	ORI242410110R	100 x 113 x 47	✓	0,6	66,00 €	76,56 €
	Orion-Tr 24/24-12A (280W)	ORI242428110	130 x 186 x 70	✓	1,3	119,00 €	138,04 €
	Orion-Tr 24/24-17A (400W)	ORI242441110	130 x 186 x 70	✓	1,6	220,00 €	255,20 €
	Orion-Tr 24/48-2,5A (120W)	ORI244810110	100 x 113 x 47	✓	0,6	66,00 €	76,56 €
	Orion-Tr 24/48-6A (280W)	ORI244828110	130 x 186 x 70	✓	1,3	119,00 €	138,04 €
	Orion-Tr 24/48-8,5A (400W)	ORI244841110	130 x 186 x 70	✓	1,6	220,00 €	255,20 €
	Orion-Tr Smart 24/12-20A (240W) DC-DC charger	ORI241224120	130 x 186 x 70	✓	1,3	167,00 €	193,72 €
	Orion-Tr Smart 24/12-30A (360W) DC-DC charger	ORI241236120	130 x 186 x 80	✓	1,8	268,00 €	310,88 €
	Orion-Tr Smart 24/24-12A (280W) DC-DC charger	ORI242428120	130 x 186 x 70	✓	1,3	167,00 €	193,72 €
	Orion-Tr Smart 24/24-17A (400W) DC-DC charger	ORI242440120	130 x 186 x 70	✓	1,6	268,00 €	310,88 €
	Orion-Tr 48/12-9A (110W)	ORI481210110	100 x 113 x 47	✓	0,6	66,00 €	76,56 €
	Orion-Tr 48/12-20A (240W)	ORI481224110	130 x 186 x 70	✓	1,3	119,00 €	138,04 €
Orion-Tr 48/12-30A (360W)	ORI481240110	130 x 186 x 80	✓	1,8	220,00 €	255,20 €	
Orion-Tr 48/24-5A (120W)	ORI482410110	100 x 113 x 47	✓	0,6	66,00 €	76,56 €	
Orion-Tr 48/24-12A (280W)	ORI482428110	130 x 186 x 70	✓	1,3	119,00 €	138,04 €	
Orion-Tr 48/24-16A (380W)	ORI482441110	130 x 186 x 70	✓	1,6	220,00 €	255,20 €	
Orion-Tr 48/48-2,5A (120W)	ORI484810110	100 x 113 x 47	✓	6,0	66,00 €	76,56 €	
Orion-Tr 48/48-6A (280W)	ORI484828110	130 x 186 x 70	✓	1,3	119,00 €	138,04 €	
Orion-Tr 48/48-8A (380W)	ORI484841110	130 x 186 x 70	✓	1,6	220,00 €	255,20 €	
Orion 110/12-30A (360W)	ORI110123610	64 x 163 x 160	✓	1,4	362,00 €	419,92 €	
Orion 110/24-15A (360W)	ORI110243610	64 x 163 x 160	✓	1,4	362,00 €	419,92 €	






AUTOMATIC TRANSFER SWITCHES					kg	Netto	Brutto	
						ohne MwSt.	inkl. MwSt.	
	Filax-2 230V/50Hz-240V/60Hz	SDFI0000000	120 x 255 x 75	✓	0,8	350,00 €	406,00 €	
	Filax-2 110V/50Hz-120V/60Hz	SDFI0000110	120 x 255 x 75	✓	0,8	350,00 €	406,00 €	
	VE Transfer Switch 5kVA/230V	COS230502100	175 x 215 x 120	✓	1,4	306,00 €	354,96 €	
	VE Transfer Switch 10kVA/230V	COS230103100	175 x 215 x 120	✓	1,5	379,00 €	439,64 €	
Transfer switches for general application, with time relay and aux contact for Multi/Digital Control Panel Please consider the Quattro with integrated transfer switch instead!								
	VE Transfer Switch 5kVA/230V							
	VE Transfer Switch 10kVA/230V							
Lynx and DC distribution								
	Lynx Power In	LYN020102000	290 x 170 x 80	✓	2,1	140,00 €	162,40 €	
	Lynx Shunt VE.Can	LYN040102100	190 x 180 x 80	✓	1,4	352,00 €	408,32 €	
	Lynx Distributor	LYN060102000	290 x 170 x 80	✓	2,2	210,00 €	243,60 €	
	Lynx Ion	See Lithium battery (page 14)						
	ESP DC Link Box (in plastic enclosure)	DCL000200000	130 x 395 x 315	✓	3,1	399,00 €	462,84 €	
ESP System Panel conn. / Battery Monitor conn. / Volt sense conn. Populated with 4 Mega fuses (2x 300A, 1x 200A, 1x 100A) and 1 Midi fuse (60A)								
								
ESP DC Link Box	Lynx Power In	Lynx Shunt	Lynx Distributor					
FUSES								
	MIDI-fuse 60A/32V (package of 5pcs)	CIP132060010	8 x 12 x 42	✓		12,00 €	13,92 €	
	MIDI-fuse 80A/32V (package of 5pcs)	CIP132080010	8 x 12 x 42	✓		12,00 €	13,92 €	
	MIDI-fuse 100A/32V (package of 5pcs)	CIP132100010	8 x 12 x 42	✓		12,00 €	13,92 €	
	MIDI-fuse 150A/32V (package of 5pcs)	CIP132150010	8 x 12 x 42	✓		12,00 €	13,92 €	
	MIDI-fuse 200A/32V (package of 5pcs)	CIP132200000	8 x 12 x 42	✓		12,00 €	13,92 €	
	MIDI-fuse 30A/58V for 48V products (1pc)	CIP133030010	8 x 12 x 42	✓		11,00 €	12,76 €	
	MIDI-fuse 40A/58V for 48V products (1pc)	CIP133040010	8 x 12 x 42	✓		11,00 €	12,76 €	
	MIDI-fuse 50A/58V for 48V products (1pc)	CIP133050010	8 x 12 x 42	✓		11,00 €	12,76 €	
	MIDI-fuse 60A/58V for 48V products (1pc)	CIP133060000	8 x 12 x 42	✓		11,00 €	12,76 €	
	MIDI-fuse 80A/58V for 48V products (1pc)	CIP133080010	8 x 12 x 42	✓		11,00 €	12,76 €	
	MIDI-fuse 100A/58V for 48V products (1pc)	CIP133100010	8 x 12 x 42	✓		11,00 €	12,76 €	
	Fuse holder for MIDI-fuse	CIP000050001	25 x 30 x 52	✓		9,00 €	10,44 €	
	MEGA-fuse 60A/32V (package of 5pcs)	CIP136060010	9 x 19 x 67	✓		15,00 €	17,40 €	
	MEGA-fuse 80A/32V (package of 5pcs)	CIP136080010	9 x 19 x 67	✓		15,00 €	17,40 €	
	MEGA-fuse 100A/32V (package of 5pcs)	CIP136100010	9 x 19 x 67	✓		15,00 €	17,40 €	
	MEGA-fuse 125A/32V (package of 5pcs)	CIP136125010	9 x 19 x 67	✓		15,00 €	17,40 €	
	MEGA-fuse 150A/32V (package of 5pcs)	CIP136150010	9 x 19 x 67	✓		15,00 €	17,40 €	
	MEGA-fuse 175A/32V (package of 5pcs)	CIP136175010	9 x 19 x 67	✓		15,00 €	17,40 €	
	MEGA-fuse 200A/32V (package of 5pcs)	CIP136200010	9 x 19 x 67	✓		15,00 €	17,40 €	
	MEGA-fuse 225A/32V (package of 5pcs)	CIP136225010	9 x 19 x 67	✓		15,00 €	17,40 €	
	MEGA-fuse 250A/32V (package of 5pcs)	CIP136250010	9 x 19 x 67	✓		15,00 €	17,40 €	
	MEGA-fuse 300A/32V (package of 5pcs)	CIP136300010	9 x 19 x 67	✓		15,00 €	17,40 €	
	MEGA-fuse 400A/32V (package of 5pcs)	CIP136400010	9 x 19 x 67	✓		24,00 €	27,84 €	
	MEGA-fuse 500A/32V (package of 5pcs)	CIP136500010	9 x 19 x 67	✓		25,00 €	29,00 €	
		MEGA-fuse 125A/58V for 48V products	CIP137125010	9 x 19 x 67	✓		30,00 €	34,80 €
		MEGA-fuse 200A/58V for 48V products	CIP137200010	9 x 19 x 67	✓		30,00 €	34,80 €
		MEGA-fuse 250A/58V for 48V products	CIP137250010	9 x 19 x 67	✓		30,00 €	34,80 €
MEGA-fuse 300A/58V for 48V products		CIP137300010	9 x 19 x 67	✓		30,00 €	34,80 €	
	Fuse holder for MEGA-fuse	CIP000100001	39 x 39 x 97	✓		12,00 €	13,92 €	
	Six-way fuse holder for MEGA-fuse with busbar (500A)	CIP050060000	50 x 182 x 80	✓		35,00 €	40,60 €	
	Modular fuse holder for MEGA-fuse	CIP100200100	45 x 33 x 73	✓		36,00 €	41,76 €	
	Busbar to connect 5 CIP100200100 (500A)	CIP100400060	5 x 10 x 180	✓		39,00 €	45,24 €	
	Busbar to connect 6 CIP100200100 (1500A)	CIP100400070	5 x 10 x 280	✓		45,00 €	52,20 €	
	ANL-fuse 300A/80V for 48V products (1pc)	CIP142300000	10 x 20 x 81	✓★	November	10,00 €	11,60 €	
	ANL-fuse 400A/80V for 48V products (1pc)	CIP142400000	10 x 20 x 81	✓		10,00 €	11,60 €	
	ANL-fuse 500A/80V for 48V products (1pc)	CIP142500000	10 x 20 x 81	✓		10,00 €	11,60 €	
	Fuse holder for ANL-fuse	CIP106100000	44 x 25 x 87	✓		10,00 €	11,60 €	
	Fuse CNN 325A/80V for Lynx shunt	CIP140325000	15 x 82 x 20	✓		56,00 €	64,96 €	

GX Products			kg	Netto	Brutto
		hxwxd	kg	ohne MwSt.	inkl. MwSt.
	Cerbo GX GX Touch 50 GX Touch 50 adapter for CCGX cut-out	BPP900450100 BPP900455050 BPP900460050		330,00 € 250,00 € 25,00 €	382,80 € 290,00 € 29,00 €
	Color Control GX Graphical User Interface Ethernet (standard) and Wifi (optional) for remote monitoring and control Data storage and graphical display on vrm.victronenergy.com Android and iPhone apps VE.Bus, VE.Can and BMV connectivity	BPP000300100R	130 x 120 x 40	526,00 €	610,16 €
	Venus GX System controller Octo GX Maxi GX	BPP900400100 BPP910200100 BPP900410200	142 x 69 x 45 61 x 108 x 95 600 x 44 x 23	300,00 € 311,00 € 1.524,00 €	348,00 € 360,76 € 1.767,84 €
	CANvu GX CANvu GX IO Extender and wiring kit	BPP900700100 BPP900800100		713,00 € 171,00 €	827,08 € 198,36 €
	Temperature sensor VENUS/PMP/Quattro CCGX WiFi module simple (Zyxel NWD2105) CCGX WiFi module long range (Startech USB300WN2X2D)	ASS000001000 BPP900100200 BPP900200200		25,00 € 23,00 € 80,00 €	29,00 € 26,68 € 92,80 €
VE.Net					
	VE.Net Tank Monitor (Resistive) VE.Can resistive tank sender adapter VE.Can Power Cable for BPP900600100	VRS000100010 BPP900600100 ASS030690000	105 x 75 x 22 48 x 109 x 25	136,00 € 391,00 € 40,00 €	157,76 € 453,56 € 46,40 €
	VE.Net Tank Monitor				
REMOTE PANELS					
	Digital Multi Control 200/200A Digital Multi Control 200/200A GX (90° RJ45) Above panels can be used with all Multi(Plus) and Quattro inverter/chargers	REC020005010 DMC000200010R	65 x 120 x 40 65 x 120 x 40	150,00 € 133,00 €	174,00 € 154,28 €
	Phoenix Inverter Control Phoenix Charger Control Phoenix Inverter Control VE.Direct	REC030001210 REC010001110 REC040010210R	65 x 60 x 40 65 x 120 x 40 65 x 60 x 40	85,00 € 90,00 € 25,00 €	98,60 € 104,40 € 29,00 €
	Skylia-i Control GX (90° RJ45) Charger Switch Skylia Control Battery Alarm GX	REC000300000R SDRPCSV SDRPSKC BPA000100010R	65 x 120 x 40 65 x 60 x 40 65 x 120 x 40 65 x 120 x 40	133,00 € 110,00 € 150,00 € 70,00 €	154,28 € 127,60 € 174,00 € 81,20 €
	GX GSM 900/2100 (dc supply voltage range: 10-70V) GX GSM 850/1900 (dc supply voltage range: 10-70V) (small 2G and 3G GSM antenna included) Outdoor 2G and 3G GSM Antenna for GX GSM Active GPS Antenna for GX GSM	GSM100100100 GSM100200100 GSM900100100 GSM900200100	43 x 106 x 23 43 x 106 x 23	250,00 € 250,00 € 40,00 € 40,00 €	290,00 € 290,00 € 46,40 € 46,40 €
	VE.Direct LoRaWAN EU863-870 module VE.Direct LoRaWAN US902-928 module VE.Direct LoRaWAN AU902-928 module	ASS030538010 ASS030540010 ASS030542010		90,00 € 90,00 € 90,00 €	104,40 € 104,40 € 104,40 €
	wall mount enclosure for 65 x 120 mm GX-panels with 90 degr. RJ45 socket only: - BPA000100000R - Battery Alarm GX - REC000300000R - Skylia-i Control GX (90° RJ45) - DMC000200000R - Digital Multi Control 200/200A GX (90° RJ45)	ASS050300010	80 x 150 x 50	26,00 €	30,16 €
	Wall mount enclosure for Color Control GX Wall mount enclosure for BMV or MPPT Control Wall mount enclosure for Color Control GX and USB extension cable 0,3m one side right angle for Color Control in wall mount enclosure BMV or MPPT Control	ASS050400000 ASS050500000 ASS050600000 ASS060000100	165 x 135 x 65 130 x 85 x 45 245 x 135 x 65	40,00 € 27,00 € 50,00 € 8,00 €	46,40 € 31,32 € 58,00 € 9,28 €








DATA CABLES and INTERFACES				Netto	Brutto
				ohne MwSt.	inkl. MwSt.
	hxwxd	€	e	kg	
Network cables for ESP System and BMV-600 and BMV-700					
			√		
RJ12 UTP Cable 0,3 m	ASS030066003	8,00 €			9,28 €
RJ12 UTP Cable 0,9 m	ASS030066009	8,00 €			9,28 €
RJ12 UTP Cable 1,8 m	ASS030066018	8,00 €			9,28 €
RJ12 UTP Cable 3 m	ASS030066030	10,00 €			11,60 €
RJ12 UTP Cable 5 m	ASS030066050	12,00 €			13,92 €
RJ12 UTP Cable 10 m	ASS030066100	15,00 €			17,40 €
RJ12 UTP Cable 15 m	ASS030066150	18,00 €			20,88 €
RJ12 UTP Cable 30 m	ASS030066300	30,00 €			34,80 €
	cable-color=grey				
Network cables for VE.Can, VE.Bus, VE.Net and VE9bitRS485					
			√		
RJ45 UTP Cable 0,3 m	ASS030064900	8,00 €			9,28 €
RJ45 UTP Cable 0,9 m	ASS030064920	8,00 €			9,28 €
RJ45 UTP Cable 1,8 m	ASS030064950	10,00 €			11,60 €
RJ45 UTP Cable 3 m	ASS030064980	12,00 €			13,92 €
RJ45 UTP Cable 5 m	ASS030065000	15,00 €			17,40 €
RJ45 UTP Cable 10 m	ASS030065010	18,00 €			20,88 €
RJ45 UTP Cable 15 m	ASS030065020	25,00 €			29,00 €
RJ45 UTP Cable 20 m	ASS030065030	30,00 €			34,80 €
RJ45 UTP Cable 30 m	ASS030065050	35,00 €			40,60 €
	cable-color=blue				
VE.Direct cables, use to connect BMV-70x and low power MPPTs to the Color Control GX					
			√		
VE.Direct Cable 0,3m	ASS030530203	15,00 €			17,40 €
VE.Direct Cable 0,9m	ASS030530209	15,00 €			17,40 €
VE.Direct Cable 1,8m	ASS030530218	15,00 €			17,40 €
VE.Direct Cable 3m	ASS030530230	17,00 €			19,72 €
VE.Direct Cable 5m	ASS030530250	19,00 €			22,04 €
VE.Direct Cable 10m	ASS030530310	23,00 €			26,68 €
			√		
VE.Direct Cable 0,3m (one side Right Angle conn)	ASS030531203	15,00 €			17,40 €
VE.Direct Cable 0,9m (one side Right Angle conn)	ASS030531209	15,00 €			17,40 €
VE.Direct Cable 1,8m (one side Right Angle conn)	ASS030531218	15,00 €			17,40 €
VE.Direct Cable 3m (one side Right Angle conn)	ASS030531230	17,00 €			19,72 €
VE.Direct Cable 5m (one side Right Angle conn)	ASS030531250	19,00 €			22,04 €
VE.Direct Cable 10m (one side Right Angle conn)	ASS030531320	23,00 €			26,68 €
Cables with M8 circular connector (for 12.8V Li-ion batteries)					
			√		
Male to Female 3 pole 1 m (bag of 2)	ASS030560100	35,00 €			40,60 €
Male to Female 3 pole 2 m (bag of 2)	ASS030560200	37,00 €			42,92 €
Male to Female 3 pole 3 m (bag of 2)	ASS030560300	40,00 €			46,40 €
Male to Female 3 pole 5 m (bag of 2)	ASS030560500	45,00 €			52,20 €
Interfaces to connect Victron products to your computer					
			√		
VE.Direct to USB interface	ASS030530010	29,00 €			33,64 €
Interface MK2-USB (VE.Bus to USB)	ASS030130010	75,00 €			87,00 €
Interface MK3-USB (VE.Bus to USB)	ACC030140000	70,00 €			81,20 €
CANUSB interface	ASS030532000	496,00 €			575,36 €
Interfaces to connect Victron products to NMEA2000					
			√		
VE.Bus to NMEA2000 interface	ASS030520110	219,00 €			254,04 €
VE.Direct to NMEA2000 interface	ASS030520310	219,00 €			254,04 €
VE.Can to NMEA2000 Micro-C male	ASS030520200	100,00 €			116,00 €
Interfaces for industrial use / datacommunication					
			√		
Interface MK2.2b (VE.Bus to RS232)	ASS030120210	58,00 €			67,28 €
RS232 to USB converter	ASS030200000	31,00 €			35,96 €
VE.Direct to RS232 interface	ASS030520500	29,00 €			33,64 €
Interfaces to connect a CAN-bus enabled battery to a Venus device					
			√		
VE.CAN to CAN-bus BMS type A Cable 1.8m	ASS030710018	16,00 €			18,56 €
VE.CAN to CAN-bus BMS type A Cable 5m	ASS030710050	16,00 €			18,56 €
VE.CAN to CAN-bus BMS type B Cable 1.8m	ASS030720018	16,00 €			18,56 €
VE.CAN to CAN-bus BMS type B Cable 5m	ASS030720050	16,00 €			18,56 €
Interfaces to connect Victron products to each other					
			√		
VE.Direct to VE.Can interface	ASS030520410	292,00 €			338,72 €
VE.Can RJ45 terminator (bag of 2)	ASS030700000	12,00 €			13,92 €
VE.Bus to VE.Can interface	ASS030520115	200,00 €			232,00 €
Inverting remote on-off cable	ASS030550100	20,00 €			23,20 €
Non inverting remote on-off cable	ASS030550200	20,00 €			23,20 €
VE.Direct non inverting remote on-off cable	ASS030550310	20,00 €			23,20 €
VE.Bus BMS to BMS 12-200 alternator control cable	ASS030510100	35,00 €			40,60 €
			√		
Skylla-i remote on-off cable	ASS030550400	35,00 €			40,60 €
RJ45-splitter 1xRJ45 male/15cm cable/2xRF45 female	ASS03065510	19,00 €			22,04 €
Miscellaneous					
			√		
AC Current sensor	CSE000100000	50,00 €			58,00 €
			√		
Temperature sensor QUA/PMP/VENUS GX	ASS000001000	25,00 €			29,00 €
Temperature sensor Type C (for inverter RS)	ASS000020000	25,00 €			29,00 €
Temperature sensor for BMV-702/712	ASS000100000	25,00 €			29,00 €
			√		
DIN35 adapter small (2x)	ADA500100100	18,00 €			20,88 €
For: Cerbo GX, (Smart) MPPT 100/20, Orion-Tr 24/12-10/15/20 non isolated					

DATA CABLES and INTERFACES, continued				ohne MwSt.	inkl. MwSt.
	VE Direkt Bluetooth Smart dongle For iPhone and Android. For monitoring as well product set up (BMV-7 series, VE Direct Inverter, Blue Smart IP65 charger all MPPT solar chargers except for the 150/70 and 150/85)	ASS030536011	✓	50,00 €	58,00 €
	VE Bus Smart dongle Ziehl anti-islanding relays	ASS030537010	✓	80,00 €	92,80 €
VE.direct Bluetooth Dongle	Anti-islanding relays UFR1001E Fulfills the requirements of VDE-AR-N 4105, ÖVE/ÖNORM E 8001-4 712, G59/3 and G83/2, DIN V VDE V 0126-1-1, ERDF-NOI-RES_13E	REL100100000	✓	465,00 €	539,40 €
	Energy meter ET112 - 1 phase - max 100A	REL300100000	✓	76,00 €	88,16 €
	Energy meter ET340 - 3 phase - max 65A/phase	REL300300000	✓	150,00 €	174,00 €
	Energy meter EM24 - 3 phase - max 65A/phase	REL200100000	✓	200,00 €	232,00 €
	Energy meter EM24 - 3 phase - max 65A/phase Ethernet (Carlo Gavazzi ET112-DIN.AV01.X.S1.X, ET340-DIN.AV23.X.S1.X, resp. EM24-DIN.AV93.X.S1.X)	REL200100100	✓	245,00 €	284,20 €
Anti-islanding relays UFR	RS485 to USB interface cable 1,8m	ASS030571018	✓	28,00 €	32,48 €
	RS485 to USB interface cable 5m (needed to connect to the AC sensor to the ColorControl GX)	ASS030571050	✓	32,00 €	37,12 €
	Zigbee to RS485 converter	ASS300400100	✓	115,00 €	133,40 €
	Zigbee to USB converter	ASS300400200	✓	100,00 €	116,00 €
	Anti-islanding box 63A single and three phase	RCD000300200	✓	1.100,00 €	1.276,00 €

BATTERY MONITOR BMV-700 & BMV-702				kg	Netto	Brutto	
				Ex VAT			
	Battery Monitor BMV-700 9 - 90 VDC	BAM010700000 (R)	65 x 65 x 30	✓	0,3	146,00 €	169,36 €
	Battery Monitor BMV-702 9 - 90 VDC	BAM010702000 (R)	65 x 65 x 30	✓	0,3	182,00 €	211,12 €
BMV-700	Battery Monitor BMV-702 BLACK	BAM010702200 (R)	65 x 65 x 30	✓	0,3	182,00 €	211,12 €
	Battery Monitor BMV-712 Smart	BAM030712000	65 x 65 x 30	✓	0,3	210,00 €	243,60 €
	Battery Monitor BMV-712 Smart BLACK	BAM030712200 (R)	65 x 65 x 30	✓	0,3	210,00 €	243,60 €
	Battery Monitor BMV-700H	BAM010700100		✓		602,00 €	698,32 €
BMV-702 Black	Battery Monitor BMV-700H Smart 70 - 350 VDC With 500A shunt in plastic enclosure and connection kit Suitable for systems with grounded negative only	BAM030710100		✓		630,00 €	730,80 €
Temperature sensor	Temperature sensor for BMV-702/712	ASS000100000		✓		25,00 €	29,00 €
	SmartShunt 500A/50mV	SHU050150050	46 x 120 x 54	✓		133,00 €	154,28 €
	SmartShunt 1000A/50mV	SHU050210050	68 x 120 x 54	✓		220,00 €	255,20 €
SmartShunt 500A/50mV	SmartShunt 2000A/50mV	SHU050220050	68 x 120 x 76	✓		300,00 €	348,00 €
	Shunt 500A/50mV	SHU500050100	45 x 28 x 120	✓		33,00 €	38,28 €
	Shunt 1000A/50mV	SHU102050200	80 x 30 x 168	✓		109,00 €	126,44 €
	Shunt 2000A/50mV	SHU202050200	80 x 50 x 168	✓		171,00 €	198,36 €
	Shunt 6000A/50mV (these Shunts do not include the connection PCB to BMV-700/702/712)	SHU050220050	135 x 60 x 168	✓		300,00 €	348,00 €









BATTERY ISOLATORS				kg	Netto	Brutto	
Diode Isolators with alternator energize input ("AC" models only) and compensation diode (all models)							
	Argodiode 80-2SC 2 batteries 80A	ARG080202000 (R)	60 x 120 x 75	✓	0,5	40,00 €	46,40 €
	Argodiode 80-2AC 2 batteries 80A	ARG080201000 (R)	60 x 120 x 90	✓	0,6	51,00 €	59,16 €
	Argodiode 100-3AC 3 batteries 100A	ARG100301000 (R)	60 x 120 x 115	✓	0,8	69,00 €	80,04 €
	Argodiode 120-2AC 2 batteries 120A	ARG120201020 (R)	60 x 120 x 115	✓	0,8	77,00 €	89,32 €
	Argodiode 140-3AC 3 batteries 140A	ARG140301020 (R)	60 x 120 x 150	✓	1,1	97,00 €	112,52 €
	Argodiode 160-2AC 2 batteries 160A	ARG160201020	60 x 120 x 150	✓	1,1	92,00 €	106,72 €
	Argodiode 180-3AC 3 batteries 180A	ARG180301020	60 x 120 x 200	✓	1,5	112,00 €	129,92 €
Fet Isolator	FET Isolators with alternator energize input						
	Argofet 100-2 Two batteries 100A	ARG100201020 (R)	65 x 120 x 200	✓	1,4	102,00 €	118,32 €
	Argofet 100-3 Three batteries 100A	ARG100301020 (R)	65 x 120 x 200	✓	1,4	117,00 €	135,72 €
	Argofet 200-2 Two batteries 200A	ARG200201020 (R)	65 x 120 x 200	✓	1,4	122,00 €	141,52 €
	Argofet 200-3 Three batteries 200A	ARG200301020 (R)	65 x 120 x 200	✓	1,4	143,00 €	165,88 €
Cyrix-ct 12/24V-120A	Microprocessor controlled battery combiner/isolators						
	Cyrix-ct 12/24V-120A intelligent combiner	CYR010120011 (R)	46 x 46 x 80	✓	0,11	45,00 €	52,20 €
	Cyrix-ct 12/24V-120A Battery combiner kit	CYR010120110R	46 x 46 x 80	✓	0,11	90,00 €	104,40 €
	Cyrix-ct 12/24V-230A intelligent combiner	CYR010230010 (R)	65 x 100 x 50	✓	0,3	112,00 €	129,92 €
	Cyrix-i 12/24V-400A intelligent combiner	CYR010400000	78 x 102 x 110	✓	0,9	239,00 €	277,24 €
	Cyrix-i 24/48V-400A intelligent combiner	CYR020400000	78 x 102 x 110	✓	0,9	239,00 €	277,24 €
Cyrix-i 24/48V-400A	Diode Battery Combiner						
	BCD 402 2 batteries 40A	BCD000402000	60 x 120 x 75	✓	0,6	44,00 €	51,04 €
	BCD 802 2 batteries 80A	BCD000802000	60 x 120 x 75	✓	0,8	54,00 €	62,64 €
Battery balancer	Battery Protection						
	Battery balancer	BBA000100100	100 x 113 x 47	✓	0,6	67,00 €	77,72 €
	BatteryProtect 12/24V 65A	BPR000065400	40 x 48 x 106	✓	0,2	41,00 €	47,56 €
	BatteryProtect 12/24V 100A	BPR000100400	59 x 42 x 115	✓	0,6	60,00 €	69,60 €
	BatteryProtect 12/24V 220A	BPR00220400	62 x 123 x 120	✓	0,8	99,00 €	114,84 €
	BatteryProtect 48V 100A	BPR048100400	62 x 123 x 120	✓	0,8	135,00 €	156,60 €
	Smart BatteryProtect 12/24V 65A	BPR065022000	40 x 48 x 106	✓	0,2	61,00 €	70,76 €
	Smart BatteryProtect 12/24V 100A	BPR110022000	59 x 42 x 115	✓	0,6	80,00 €	92,80 €
	Smart BatteryProtect 12/24V 220A	BPR122022000	62 x 123 x 120	✓	0,8	119,00 €	138,04 €
Smart BatteryProtect	Smart BatteryProtect 48V 100A	BPR110048000	62 x 123 x 120	✓	0,8	155,00 €	179,80 €

SOLAR CHARGE CONTROLLERS						Netto	Brutto
	SHS 200 MPPT v3.0	SHS121409130	148 x 204 x 67	✓ ★	0,4	130,00 €	150,80 €
	Solar cable for SHS 200 5mtr	SHS900120050		✓ ★		19,00 €	22,04 €
	Smart Solar MPPT RS 450/100-Tr	SCC145110410	440 x 313 x 126	✓ ★	8,0 Dezember	1.200,00 €	1.392,00 €
	BlueSolar PWM-Light 12/24V-5A	SCC010005000	70 x 133 x 34	✓	0,15	25,00 €	29,00 €
	BlueSolar PWM-Light 12/24V-10A	SCC010010000	70 x 133 x 34	✓	0,15	30,00 €	34,80 €
	BlueSolar PWM-Light 12/24V-20A	SCC010020020	70 x 133 x 34	✓	0,15	40,00 €	46,40 €
	BlueSolar PWM-Light 12/24V-30A	SCC010030020	70 x 133 x 34	✓	0,15	55,00 €	63,80 €
	BlueSolar PWM-Light 48V-10A	SCC040010020	95 x 140 x 34	✓	0,15	60,00 €	69,60 €
	BlueSolar PWM-Light 48V-20A	SCC040020020	95 x 140 x 34	✓	0,15	77,00 €	89,32 €
	BlueSolar PWM-Light 48V-30A	SCC040030020	95 x 140 x 34	✓	0,15	90,00 €	104,40 €
	BlueSolar PWM-LCD&USB 12/24V-5A	SCC010005050	96 x 169 x 36	✓	0,15	35,00 €	40,60 €
	BlueSolar PWM-LCD&USB 12/24V-10A	SCC010010050	96 x 169 x 36	✓	0,15	40,00 €	46,40 €
	BlueSolar PWM-LCD&USB 12/24V-20A	SCC010020050	96 x 169 x 36	✓	0,15	50,00 €	58,00 €
	BlueSolar PWM DUO 12/24V-20A	SCC010020000	76 x 153 x 37	✓	0,20	82,00 €	95,12 €
	BlueSolar PWM-LCD&USB 12/24V-30A	SCC010030050	102 x 184 x 48	✓	0,15	65,00 €	75,40 €
	BlueSolar PWM-LCD&USB 48V-10A	SCC040010050	102 x 184 x 48	✓	0,15	70,00 €	81,20 €
	BlueSolar PWM-LCD&USB 48V-20A	SCC040020050	102 x 184 x 48	✓	0,15	84,00 €	97,44 €
	BlueSolar PWM-LCD&USB 48V-30A	SCC040030050	102 x 184 x 48	✓	0,15	95,00 €	110,20 €
	BlueSolar PWM-Pro 12/24V-5A	SCC010005010	70 x 138 x 37	✓	0,15	35,00 €	40,60 €
	BlueSolar PWM-Pro 12/24V-10A	SCC010010010	70 x 138 x 37	✓	0,15	40,00 €	46,40 €
	BlueSolar PWM-Pro 12/24V-20A	SCC010020110	82 x 160 x 48	✓	0,30	70,00 €	81,20 €
	BlueSolar PWM-Pro 12/24V-30A	SCC010030010	100 x 200 x 57	✓	0,50	110,00 €	127,60 €
	Remote panel for BlueSolar PWM-Pro	SCC900300000	49 x 113 x 113	✓	0,21	60,00 €	69,60 €
	Temperature sensor for BlueSolar PWM-Pro	SCC940100100		✓		12,00 €	13,92 €
	BlueSolar PWM-Pro to USB interface cable	SCC940100200		✓		12,00 €	13,92 €
	BlueSolar PWM DUO 12/24V-20A	SCC010020000	76 x 153 x 37	✓	0,20	82,00 €	95,12 €
	Remote Panel for BlueSolar DUO	SCC900200000	49 x 113 x 113	✓	0,21	52,00 €	60,32 €
	BlueSolar MPPT 75/10 (12/24V-10A)	SCC010010050R	100 x 113 x 40	✓ ✓	0,4	81,00 €	93,96 €
	BlueSolar MPPT 75/15 (12/24V-15A)	SCC010015050R	100 x 113 x 40	✓ ✓	0,5	90,00 €	104,40 €
	BlueSolar MPPT 100/15 (12/24V-15A)	SCC010015200R	100 x 113 x 47	✓	0,6	110,00 €	127,60 €
	BlueSolar MPPT 100/20 (12/24/48V-20A)	SCC110020170R	100 x 113 x 50	✓	0,7	130,00 €	150,80 €
	BlueSolar MPPT 100/30 (12/24V-30A)	SCC020030200	130 x 186 x 70	✓	1,3	200,00 €	232,00 €
	BlueSolar MPPT 100/50 (12/24V-50A)	SCC020050200	130 x 186 x 70	✓	1,3	300,00 €	348,00 €
	BlueSolar MPPT 150/35 (12/24/48V-35A)	SCC010035000	130 x 186 x 70	✓	1,3	300,00 €	348,00 €
	BlueSolar MPPT 150/45-Tr (12/24/48V-45A)	SCC010045200	200 x 250 x 95	✓	3,0	450,00 €	522,00 €
	BlueSolar MPPT 150/45-MC4 (12/24/48V-45A)	SCC010045300	200 x 250 x 95	✓	3,0	450,00 €	522,00 €
	BlueSolar MPPT 150/60-Tr (12/24/48V-60A)	SCC010060200	200 x 250 x 95	✓	3,0	500,00 €	580,00 €
	BlueSolar MPPT 150/60-MC4 (12/24/48V-60A)	SCC010060300	200 x 250 x 95	✓	3,0	500,00 €	580,00 €
	BlueSolar MPPT 150/70-Tr (12/24/48V-70A)	SCC010070200	200 x 250 x 95	✓	3,0	550,00 €	638,00 €
	BlueSolar MPPT 150/70-MC4 (12/24/48V-70A)	SCC010070300	200 x 250 x 95	✓	3,0	550,00 €	638,00 €
	BlueSolar MPPT 150/100-TR VE.CAN (12/24/48V-100A)	SCC115110420	216 x 295 x 103	✓	4,5	780,00 €	904,80 €
	BlueSolar MPPT 250/70-TR VE.CAN (12/24/48V-70A)	SCC125070441	200 x 250 x 95	✓	3,0	780,00 €	904,80 €
	BlueSolar MPPT 250/100-TR VE.CAN (12/24/48V-100A)	SCC125110441	216 x 295 x 103	✓	4,5	955,00 €	1.107,80 €
	SmartSolar MPPT 75/10 (12/24V-10A)	SCC075010060R	100 x 113 x 40	✓ ✓	0,4	111,00 €	128,76 €
	SmartSolar MPPT 75/15 (12/24V-15A)	SCC075015060R	100 x 113 x 40	✓ ✓	0,5	120,00 €	139,20 €
	SmartSolar MPPT 100/15 (12/24V-15A)	SCC110015060R	100 x 113 x 47	✓ ✓	0,6	140,00 €	162,40 €
	SmartSolar MPPT 100/20 (12/24V/48V-20A)	SCC110020160R	100 x 113 x 47	✓ ✓	0,7	160,00 €	185,60 €
	SmartSolar MPPT 100/30 (12/24V-30A)	SCC110030210	130 x 186 x 70	✓ ✓	1,3	230,00 €	266,80 €
	SmartSolar MPPT 100/50 (12/24V-50A)	SCC110050210	130 x 186 x 70	✓ ✓	1,3	330,00 €	382,80 €
	SmartSolar MPPT 150/35 (12/24/48V-35A)	SCC115035210	130 x 186 x 70	✓ ✓	1,3	330,00 €	382,80 €
	SmartSolar MPPT 150/45-Tr (12/24/48V-45A)	SCC115045210	200 x 250 x 95	✓	3,0	500,00 €	580,00 €
	SmartSolar MPPT 150/45-MC4 (12/24/48V-45A)	SCC115045310	200 x 250 x 95	✓	3,0	500,00 €	580,00 €
	SmartSolar MPPT 150/60-Tr (12/24/48V-60A)	SCC115060210	200 x 250 x 95	✓	3,0	550,00 €	638,00 €
	SmartSolar MPPT 150/60-MC4 (12/24/48V-60A)	SCC115060310	200 x 250 x 95	✓	3,0	550,00 €	638,00 €
	SmartSolar MPPT 150/70-Tr (12/24/48V-70A)	SCC115070210	200 x 250 x 95	✓	3,0	600,00 €	696,00 €
	SmartSolar MPPT 150/70-TR VE.CAN (12/24/48V-70A)	SCC115070410	200 x 250 x 95	✓	3,0	650,00 €	754,00 €
	SmartSolar MPPT 150/70-MC4 (12/24/48V-70A)	SCC115070310	200 x 250 x 95	✓	3,0	600,00 €	696,00 €
	SmartSolar MPPT 150/85-TR VE.CAN (12/24/48V-85A)	SCC115085410	216 x 295 x 103	✓	4,5	710,00 €	823,60 €
	SmartSolar MPPT 150/85-MC4 (12/24/48V-85A)	SCC115085310	216 x 295 x 103	✓	4,5	700,00 €	812,00 €
	SmartSolar MPPT 150/85-MC4 VE.CAN (12/24/48V-85A)	SCC115085510	216 x 295 x 103	✓	4,5	725,00 €	841,00 €
	SmartSolar MPPT 150/100-Tr VE.CAN (12/24/48V-100A)	SCC115110410	216 x 295 x 103	✓	4,5	810,00 €	939,60 €
	SmartSolar MPPT 150/100-MC4 (12/24/48V-100A)	SCC115110311	216 x 295 x 103	✓	4,5	800,00 €	928,00 €
	SmartSolar MPPT 150/100-MC4 VE.CAN (12/24/48V-100A)	SCC115110510	216 x 295 x 103	✓	4,5	825,00 €	957,00 €
	SmartSolar MPPT 250/60-Tr (12/24/48V-60A)	SCC125060210	200 x 250 x 95	✓	3,0	650,00 €	754,00 €
	SmartSolar MPPT 250/60-MC4 (12/24/48V-60A)	SCC125060310	200 x 250 x 95	✓	3,0	650,00 €	754,00 €
	SmartSolar MPPT 250/70-Tr (12/24/48V-70A)	SCC125070210	200 x 250 x 95	✓	3,0	750,00 €	870,00 €
	SmartSolar MPPT 250/70-TR VE.CAN (12/24/48V-70A)	SCC125070420	200 x 250 x 95	✓	3,0	800,00 €	928,00 €
	SmartSolar MPPT 250/70-MC4 (12/24/48V-70A)	SCC125070310	200 x 250 x 95	✓	3,0	750,00 €	870,00 €
	SmartSolar MPPT 250/85-Tr VE.CAN (12/24/48V-85A)	SCC125085411	216 x 295 x 103	✓	4,5	860,00 €	997,60 €
	SmartSolar MPPT 250/85-MC4 (12/24/48V-85A)	SCC125085310	216 x 295 x 103	✓	4,5	850,00 €	986,00 €
	SmartSolar MPPT 250/85-MC4 VE.CAN (12/24/48V-85A)	SCC125085511	216 x 295 x 103	✓	4,5	875,00 €	1.015,00 €
	SmartSolar MPPT 250/100-Tr VE.CAN (12/24/48V-100A)	SCC125110410	216 x 295 x 103	✓	4,5	960,00 €	1.113,60 €
	SmartSolar MPPT 250/100-MC4 VE.CAN (12/24/48V-100A)	SCC125110511	216 x 295 x 103	✓	4,5	975,00 €	1.131,00 €
	Inverting remote on-off cable	ASS030550100		✓		20,00 €	23,20 €
	VE.Direct TX digital output cable PWM light dimming cable)	ASS030550500		✓		10,00 €	11,60 €
	SmartSolar Pluggable Display	SCC900600010		✓		50,00 €	58,00 €
	MPPT Control (VE.Direct cable not included)	SCC900500000	65 x 65 x 30	✓	0,3	80,00 €	92,80 €
	VE.Direct non inverting remote on-off cable	ASS030550310		✓		20,00 €	23,20 €
	Smart Battery Sense (short range up to 3m)	SBS050100200		✓		30,00 €	34,80 €
	Smart Battery Sense (long range up to 10m)	SBS050150200		✓		40,00 €	46,40 €
							

Wireboxes for Solar Charger Controllers						Netto	Brutto	
						ohne MwSt.	inkl. MwSt.	
	WireBox-S 75-10/15 (for 75/10 & 75/15)	SCC950100000		✓		20,00 €	23,20 €	
	WireBox-S 100-15	SCC950120000		✓		20,00 €	23,20 €	
	WireBox-S 100-20	SCC950140000		✓		20,00 €	23,20 €	
	WireBox-M (for models with h=130mm)	SCC950200000		✓		25,00 €	29,00 €	
	WireBox-L Tr (for Tr models, h=200mm)	SCC950300200		✓		30,00 €	34,80 €	
	WireBox-L MC4 (for MC4 models, h=200mm)	SCC950300300		✓		30,00 €	34,80 €	
	WireBox-L MC4 (for MC4 & MC4 VE.Can, h=200mm)	SCC950300310		✓		30,00 €	34,80 €	
	WireBox-XL Tr (for Tr models, h=216mm)	SCC950400200		✓		30,00 €	34,80 €	
	WireBox-XL Tr (for TRr & Tr VE.Can, h=216mm)	SCC950400210		✓		30,00 €	34,80 €	
	WireBox-XL MC4 (for MC4 models, h=216mm)	SCC950400300		✓		30,00 €	34,80 €	
WireBox-XL MC4 (for MC4 & MC4 VE.Can, h=216mm)	SCC950400310		✓		30,00 €	34,80 €		
BATTERIES								
AGM Deep Cycle (C20 capacity)								
			lxwxh	< €	±	kg	CCA @ 0°F RES CAP @ 80°F	
	6V/240Ah AGM Deep Cycle Batt.	BAT406225084	320 x 176 x 247	✓	✓	31,0		
							315,00 €	365,40 €
	12V/8Ah AGM Deep Cycle Batt.	BAT212070084	151 x 65 x 101	✓		2,3		
	12V/14Ah AGM Deep Cycle Batt.	BAT212120084	151 x 98 x 101	✓		4,4		
	12V/22Ah AGM Deep Cycle Batt.	BAT212200084	181 x 77 x 167	✓		5,8		
	12V/38Ah AGM Deep Cycle Batt.	BAT412350084	197 x 165 x 170	✓		15,0		
	12V/60Ah AGM Deep Cycle Batt.	BAT412550084	229 x 138 x 227	✓		18,0	280 / 80	
	12V/66Ah AGM Deep Cycle Batt.	BAT412600084	258 x 166 x 235	✓	✓	24,0	300 / 90	
	12V/90Ah AGM Deep Cycle Batt.	BAT412800084	350 x 167 x 183	✓	✓	27,0	400 / 130	
	12V/110Ah AGM Deep Cycle Batt.	BAT412101084	330 x 171 x 220	✓	✓	32,0	500 / 170	
	12V/130Ah AGM Deep Cycle Batt.	BAT412121084	410 x 176 x 227	✓	✓	38,0	550 / 200	
	12V/165Ah AGM Deep Cycle Batt.	BAT412151084	485 x 172 x 240	✓	✓	47,0	600 / 220	
	12V/220Ah AGM Deep Cycle Batt.	BAT412201084	522 x 238 x 240	✓	✓	65,0	650 / 250	
							520,00 €	603,20 €
	AGM deep cycle with threaded insert terminals							
	12V/90Ah AGM Deep Cycle Batt. (M6)	BAT412800085	350 x 167 x 183	✓	✓	27,0	400 / 130	
	12V/110Ah AGM Deep Cycle Batt. (M8)	BAT412101085	330 x 171 x 220	✓	✓	32,0	500 / 170	
	12V/130Ah AGM Deep Cycle Batt. (M8)	BAT412121085	410 x 176 x 227	✓	✓	38,0	550 / 200	
	12V/165Ah AGM Deep Cycle Batt. (M8)	BAT412151085	485 x 172 x 240	✓	✓	47,0	600 / 220	
	12V/220Ah AGM Deep Cycle Batt. (M8)	BAT412201085	522 x 238 x 240	✓	✓	65,0	650 / 250	
							520,00 €	603,20 €
	AGM Super Cycle battery with threaded insert terminals							
	12V/15Ah AGM Super Cycle Batt. (Faston 6.3x0.8)	BAT412015080	151 x 99 x 103	✓		4,2		
	12V/25Ah AGM Super Cycle Batt. (M5)	BAT412025081	181 x 77 x 175	✓		7,0		
	12V/38Ah AGM Super Cycle Batt. (M5)	BAT412038081	267 x 77 x 175	✓		10,0		
	12V/60Ah AGM Super Cycle Batt. (M5)	BAT412060081	224 x 135 x 178	✓		15,0	300 / 90	
	12V/100Ah AGM Super Cycle Batt. (M6)	BAT412110081	260 x 168 x 215	✓		25,0	500 / 170	
	12V/125Ah AGM Super Cycle Batt. (M8)	BAT412112081	330 x 171 x 214	✓		34,0	550 / 220	
	12V/170Ah AGM Super Cycle Batt. (M8)	BAT412117081	336 x 172 x 280	✓		45,0	600 / 220	
	12V/230Ah AGM Super Cycle Batt. (M8)	BAT412123081	532 x 207 x 218	✓		61,0	700 / 400	
								650,00 €
	AGM deep cycle telecom battery with threaded insert terminals							
	12V/115Ah AGM Telecom Batt. (M8)	BAT412105164	395 x 110 x 293	✓	✓	35,0	500 / 200	
	12V/165Ah AGM Telecom Batt. (M8)	BAT412151164	548 x 105 x 316	✓	✓	49,0	600 / 220	
	12V/200Ah AGM Telecom Batt. (M8)	BAT412181164	546 x 125 x 323	✓	✓	59,0	650 / 250	
							500,00 €	580,00 €
	GEL Deep Cycle (C20 capacity)							
	12V/60Ah Gel Deep Cycle Batt.	BAT412550104	229 x 138 x 227	✓		19,0	250 / 70	
	12V/66Ah Gel Deep Cycle Batt.	BAT412600104	258 x 166 x 235	✓		24,0	270 / 80	
	12V/90Ah Gel Deep Cycle Batt.	BAT412800104	350 x 167 x 183	✓	✓	26,0	360 / 120	
	12V/110Ah Gel Deep Cycle Batt.	BAT412101104	330 x 171 x 220	✓	✓	33,0	450 / 150	
	12V/130Ah Gel Deep Cycle Batt.	BAT412121104	410 x 176 x 227	✓	✓	38,0	500 / 180	
	12V/165Ah Gel Deep Cycle Batt.	BAT412151104	485 x 172 x 240	✓	✓	48,0	550 / 200	
	12V/220Ah Gel Deep Cycle Batt.	BAT412201104	522 x 238 x 240	✓	✓	66,0	600 / 220	
	12V/265Ah Gel Deep Cycle Batt. (M8)	BAT412126101	520 x 268 x 233	✓	✓	75,0	650 / 250	
								786,00 €
	Lead Carbon Battery with threaded insert terminals							
	Lead Carbon Battery 12V/106Ah (M8)	BAT612110081	410 x 180 x 210	✓		36,0		
	Lead Carbon Battery 12V/160Ah (M8)	BAT612116081	532 x 207 x 215	✓		55,0		
	CCA @ 0°F: SAE Cold Cranking Amps at 0° F / -18°C RES CAP @ 80°F: Reserve Capacity at 80°F / 27°C						Height includes poles	
							320,00 €	371,20 €
							480,00 €	556,80 €



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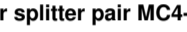




LITHIUM (LiFePO4) BATTERIES				€	kg	Netto ohne MwSt.	Brutto inkl. MwSt.
	Lithium battery 12,8V/50Ah - Smart	BAT512050610	187 x 147 x 199	✓ ★ ✓	12,0	Dezember 700,00 €	812,00 €
	Lithium battery 12,8V/60Ah - Smart !!! Läuft demnächst aus	BAT512060410	285 x 132 x 240	✓ ✓	12,0	851,00 €	987,16 €
	Lithium battery 12,8V/100Ah - Smart	BAT512110610	321 x 152 x 197	✓ ✓	15,0	1.149,00 €	1.332,84 €
	Lithium battery 12,8V/160Ah - Smart	BAT512116610	321 x 152 x 237	✓ ✓	20,0	1.645,00 €	1.908,20 €
	Lithium battery 12,8V/200Ah-a Smart	BAT512120610	321 x 152 x 237	✓ ✓	22,0	2.140,00 €	2.482,40 €
	Lithium battery 12,8V/300Ah - Smart	BAT512130410	425 x 274 x 347	✓ ✓	51,0	3.378,00 €	3.918,48 €
	Lithium battery 25,6V/200Ah - Smart	BAT524120410	631 x 208 x 317	✓ ✓	56,0	4.500,00 €	5.220,00 €
	Battery Management System VE.Bus BMS (includes AC detector)	BMS300200000	105 x 72 x 30	✓	0,1	120,00 €	139,20 €
	miniBMS	BMS400100000	106 x 43 x 23	✓		50,00 €	58,00 €
	Inverting remote on-off cable	ASS030550100		✓		20,00 €	23,20 €
	Non inverting remote on-off cable	ASS030550200		✓		20,00 €	23,20 €
	VE.Bus BMS to BMS 12-200 alternator control cable	ASS030510100		✓		35,00 €	40,60 €
	Cyrix-Li-load 12/24V-120A	CYR010120450	46 x 46 x 80	✓	0,11	66,00 €	76,56 €
	Cyrix-Li-load 24/48V-120A	CYR020120450	46 x 46 x 80	✓	0,11	66,00 €	76,56 €
	Cyrix-Li-Charge 12/24V-120A	CYR010120430	46 x 46 x 80	✓	0,11	77,00 €	89,32 €
	Cyrix-Li-Charge 24/48V-120A	CYR020120430	46 x 46 x 80	✓	0,11	77,00 €	89,32 €
	Cyrix-Li-ct 12/24V-120A combiner	CYR010120412	46 x 46 x 80	✓	0,11	77,00 €	89,32 €
	Cyrix-Li-load 12/24V-230A	CYR010230450	65 x 100 x 50	✓	0,3	165,00 €	191,40 €
	Cyrix-Li-load 24/48V-230A	CYR020230450	65 x 100 x 50	✓	0,3	165,00 €	191,40 €
	Cyrix-Li-Charge 12/24V-230A	CYR010230430	65 x 100 x 50	✓	0,3	165,00 €	191,40 €
	Cyrix-Li-Charge 24/48V-230A	CYR020230430	65 x 100 x 50	✓	0,3	165,00 €	191,40 €
	Cyrix-Li-ct 12/24V-230A combiner	CYR010230410	65 x 100 x 50	✓	0,3	165,00 €	191,40 €
	Battery Management System 12/200	BMS012201000	65 x 120 x 260	✓	1,8	242,00 €	280,72 €
	Smat BMS CL 12-100	BMS110022000	65 x 120 x 224	✓	1,6	200,00 €	232,00 €
	Cable for Smart BMS CL 12-100	ASS070200100		✓		20,00 €	23,20 €
	Cables with M8 circular connector (for Li-ion batteries): see DATA CABLES						
	Victron Peak Power Pack 12,8V/20Ah 256Wh	PPP012020000	190 x 172 x 132	✓	3,8	374,00 €	433,84 €
	Victron Peak Power Pack 12,8V/30Ah 384Wh	PPP012030000	190 x 172 x 172	✓	5,4	518,00 €	600,88 €
	Victron Peak Power Pack 12,8V/40Ah 512Wh	PPP012040000	190 x 172 x 212	✓	8,6	648,00 €	751,68 €
	Lithium Super Pack 12,8V/20Ah (M5)	BAT512020705	181 x 77 x 167	✓	3,5	266,00 €	308,56 €
	Lithium Super Pack 12,8V/60Ah (M6)	BAT512060705	229 x 138 x 213	✓	9,5	570,00 €	661,20 €
	Lithium Super Pack 12,8V/100Ah (M8)	BAT512110705	330 x 171 x 220	✓	15,0	1.045,00 €	1.212,20 €
	Lithium Super Pack 12,8V/200Ah (M8)	BAT512120705	520 x 269 x 208	✓	32,0	2.090,00 €	2.424,40 €
	Lithium Super Pack 25,6V/50Ah (M8)	BAT524050705	395 x 110 x 286	✓	16,0	1.330,00 €	1.542,80 €
TUBULAR PLATE BATTERIES				€			
	GEL OPzV tubular plate 2V cells (C10 capacity)*						
	4 OPzV 200	BAT702201260	103 x 206 x 398	✓	19,0	282,00 €	327,12 €
	5 OPzV 250	BAT702251260	124 x 206 x 398	✓	23,0	328,00 €	380,48 €
	6 OPzV 300	BAT702301260	145 x 206 x 398	✓	28,0	376,00 €	436,16 €
	5 OPzV 350	BAT702351260	124 x 206 x 515	✓	31,0	398,00 €	461,68 €
	6 OPzV 420	BAT702421260	145 x 206 x 515	✓	36,0	456,00 €	528,96 €
	7 OPzV 490	BAT702491260	166 x 206 x 515	✓	41,0	511,00 €	592,76 €
	6 OPzV 600	BAT702601260	145 x 206 x 688	✓	49,0	572,00 €	663,52 €
	8 OPzV 800	BAT702801260	210 x 191 x 688	✓	65,0	787,00 €	912,92 €
	10 OPzV 1000	BAT702102260	210 x 233 x 690	✓	80,0	922,00 €	1.069,52 €
	12 OPzV 1200	BAT702122260	210 x 275 x 690	✓	93,0	1.062,00 €	1.231,92 €
	12 OPzV 1500	BAT702152260	210 x 275 x 840	✓	115,0	1.263,00 €	1.465,08 €
	16 OPzV 2000	BAT702202260	215 x 400 x 815	✓	155,0	1.716,00 €	1.990,56 €
	20 OPzV 2500	BAT702252260	215 x 490 x 815	✓	200,0	2.148,00 €	2.491,68 €
	24 OPzV 3000	BAT702302260	215 x 580 x 815	✓	235,0	2.485,00 €	2.882,60 €
	*Minimum order quantity 12 cells per model					Height includes poles	

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SOLAR PANELS							Netto	Brutto
							ohne MwSt.	inkl. MwSt.
			lxwxh	€	kg	Zellenzahl		
	20W-12V Mono 440x350x25mm series 4a*	SPM040201200	440 x 350 x 25	✓	1,9	36	31,00 €	35,96 €
	30W-12V Mono 560x350x25mm series 4a*	SPM040301200	560 x 350 x 25	✓	2,2	36	36,00 €	41,76 €
	40W-12V Mono 425x668x25mm series 4a*	SPM040401200	425 x 668 x 25	✓	3,1	36	46,00 €	53,36 €
	55W-12V Mono 545x668x25mm series 4a*	SPM040551200	545 x 668 x 25	✓	4,0	36	60,00 €	69,60 €
	90W-12V Mono 780x668x30mm series 4a	SPM040901200	780 x 668 x 35	✓	6,1	36	94,00 €	109,04 €
	115W-12V Mono 1015x668x30mm series 4a	SPM041151200	1015 x 668 x 30	✓	8,0	36	107,00 €	124,12 €
	175W-12V Mono 1485x668x30mm series 4a	SPM041751200	1485 x 668 x 30	✓	11,0	36	142,00 €	164,72 €
	215W-24V Mono 1580x808x35mm series 4a	SPM042152400	1580 x 808 x 35	✓	15,0	72	209,00 €	242,44 €
	305W-24V Mono 1640x992x35mm series 4a	SPM043052400	1640 x 992 x 35	✓	18,4	72	247,00 €	286,52 €
	360W-24V Mono 1956x992x40mm series 4a	SPM043602400	1956 x 992 x 40	✓	22,5	72	277,00 €	321,32 €
	20W-12V Poly 440x350x25mm series 4a*	SPP040201200	440 x 350 x 25	✓	1,9	36	30,00 €	34,80 €
	30W-12V Poly 665x350x25mm series 4a*	SPP040301200	665 x 350 x 25	✓	2,8	36	34,00 €	39,44 €
	45W-12V Poly 425x668x25mm series 4a*	SPP040451200	425 x 668 x 25	✓	3,1	36	48,00 €	55,68 €
	60W-12V Poly 545x668x25mm series 4a*	SPP040601200	545 x 668 x 25	✓	4,0	36	61,00 €	70,76 €
	90W-12V Poly 780x668x30mm series 4a	SPP040901200	780 x 668 x 30	✓	6,1	36	90,00 €	104,40 €
	115W-12V Poly 1015x668x30mm series 3a	SPP041151200	1015 x 668 x 30	✓	8,0	36	99,00 €	114,84 €
	175W-12V Poly 1485x668x30mm series 4a	SPP041751200	1485 x 668 x 30	✓	11,0	36	124,00 €	143,84 €
	270W-20V Poly 1640x992x35mm series 4a	SPP042702000	1640 x 992 x 35	✓	18,4	60	190,00 €	220,40 €
	330W-24V Poly 1956x992x40mm series 4a	SPP043302400	1956 x 992 x 40	✓	28,0	72	228,00 €	264,48 €
	*without connection cable and MC4 connector							

SOLAR CABLES						
	Solar Cable (4 mm²) with pre-assembled male and female MC4 (PV-ST01) connectors					
	Length 1 m	SCA000100000		✓	10,00 €	11,60 €
	Length 3 m	SCA000300000		✓	15,00 €	17,40 €
	Length 5 m	SCA000500000		✓	22,00 €	25,52 €
	Solar Cable (6 mm²) with pre-assembled male and female MC4 (PV-ST01) connectors					
	Length 1 m	SCA000100100		✓	12,00 €	13,92 €
	Length 3 m	SCA000300100		✓	18,00 €	20,88 €
	Length 5 m	SCA000500100		✓	27,00 €	31,32 €
	Length 10 m	SCA001000100		✓	41,00 €	47,56 €
	Length 20 m	SCA002000100		✓	76,00 €	88,16 €
	Solar adapter cable MC4 male to MC3 female, length 15 cm				SCA500100000	10,00 € 11,60 €
	Solar adapter cable MC4 female to MC3 male, length 15 cm				SCA500200000	10,00 € 11,60 €
	Solar splitter pair MC4-Y, 1x M-2F / 1xF-2M				SCA520500000	26,00 € 30,16 €
	Solar connector pair MC4, 1x Male/1x Female				SCA520300000	9,00 € 10,44 €



Solar Cable with male and female MC4 connectors



MC4 male to MC3 female



MC4 female to MC3 male

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APPENDIX	INVERTERS: ALTERNATIVE OUTLETS	€			Netto ohne MwSt.	Brutto inkl. MwSt.	
	230VAC/50Hz Sinewave						
	Phoenix 12/250 VE.Direct IEC	PIN121251100	86 x 165 x 260	✓	2,4	96,00 €	111,36 €
	Phoenix 12/250 VE.Direct (AS/NZS 3112)	PIN122510300	86 x 165 x 260	✓	2,4	96,00 €	111,36 €
	Phoenix 12/250 VE.Direct (BS 1363)	PIN122510400	86 x 165 x 260	✓	2,4	96,00 €	111,36 €
	Phoenix 12/375 VE.Direct IEC	PIN123750100	86 x 165 x 260	✓	3,0	124,00 €	143,84 €
	Phoenix 12/375 VE.Direct (AS/NZS 3112)	PIN123750300	86 x 165 x 260	✓	3,0	124,00 €	143,84 €
	Phoenix 12/375 VE.Direct (BS 1363)	PIN123750400	86 x 165 x 260	✓	3,0	124,00 €	143,84 €
	Phoenix 12/500 IEC	PIN125010100	86 x 172 x 275	✓	3,9	171,00 €	198,36 €
	Phoenix 12/500 AU/NZ outlet (AS/NZS 3112)	PIN125010300	86 x 172 x 275	✓	3,9	171,00 €	198,36 €
	Phoenix 12/500 UK outlet (BS 1363)	PIN125010400	86 x 172 x 275	✓	3,9	171,00 €	198,36 €
	Phoenix 12/800 VE.Direct IEC	PIN121800100	105 x 216 x 305	✓	5,5	280,00 €	324,80 €
	Phoenix 12/800 VE.Direct AU/NZ outlet (AS/NZS 3112)	PIN121800300	105 x 216 x 305	✓	5,5	280,00 €	324,80 €
	Phoenix 12/800 VE.Direct UK outlet (BS 1363)	PIN121800400	105 x 216 x 305	✓	5,5	280,00 €	324,80 €
	Phoenix 12/1200 IEC	PIN121220100	104 x 194 x 305	✓	8,5	410,00 €	475,60 €
	Phoenix 12/1200 AU/NZ outlet (AS/NZS 3112)	PIN121220300	104 x 194 x 305	✓	8,5	410,00 €	475,60 €
	Phoenix 12/1200 UK outlet (BS 1363)	PIN121220400	104 x 194 x 305	✓	8,5	410,00 €	475,60 €
	Phoenix 12/1200 VE.Direct IEC	PIN122120100	117 x 232 x 362	✓	8,5	410,00 €	475,60 €
	Phoenix 12/1200 VE.Direct AU/NZ outlet (AS/NZS 3112)	PIN122120300	117 x 232 x 362	✓	8,5	410,00 €	475,60 €
	Phoenix 12/1200 VE.Direct UK outlet (BS 1363)	PIN122120400	117 x 232 x 362	✓	8,5	410,00 €	475,60 €
	Phoenix 24/250 VE.Direct IEC	PIN242510100	86 x 165 x 260	✓	2,4	96,00 €	111,36 €
	Phoenix 24/250 VE.Direct (AS/NZS 3112)	PIN242510300	86 x 165 x 260	✓	2,4	96,00 €	111,36 €
	Phoenix 24/250 VE.Direct (BS 1363)	PIN242510400	86 x 165 x 260	✓	2,4	96,00 €	111,36 €
	Phoenix 24/375 VE.Direct IEC	PIN243750100	86 x 165 x 260	✓	3,0	124,00 €	143,84 €
	Phoenix 24/375 VE.Direct (AS/NZS 3112)	PIN243750300	86 x 165 x 260	✓	3,0	124,00 €	143,84 €
	Phoenix 24/375 VE.Direct (BS 1363)	PIN243750400	86 x 165 x 260	✓	3,0	124,00 €	143,84 €
	Phoenix 24/500 VE.Direct IEC	PIN245010100	86 x 172 x 275	✓	3,9	171,00 €	198,36 €
	Phoenix 24/500 VE.Direct AU/NZ outlet (AS/NZS 3112)	PIN248010300	86 x 172 x 275	✓	3,9	171,00 €	198,36 €
	Phoenix 24/500 VE.Direct UK outlet (BS 1363)	PIN248010400	86 x 172 x 275	✓	3,9	171,00 €	198,36 €
	Phoenix 24/800 VE.Direct IEC	PIN241800100	105 x 216 x 305	✓	5,5	280,00 €	324,80 €
	Phoenix 24/800 VE.Direct AU/NZ outlet (AS/NZS 3112)	PIN241800300	105 x 216 x 305	✓	5,5	280,00 €	324,80 €
	Phoenix 24/800 VE.Direct UK outlet (BS 1363)	PIN241800400	105 x 216 x 305	✓	5,5	280,00 €	324,80 €
	Phoenix 24/1200 VE.Direct IEC	PIN242120100	117 x 232x 327	✓	7,4	410,00 €	475,60 €
	Phoenix 24/1200 VE.Direct AU/NZ outlet (AS/NZS 3112)	PIN242120300	117 x 232x 327	✓	7,4	410,00 €	475,60 €
	Phoenix 24/1200 VE.Direct UK (BS 1363)	PIN242120400	117 x 232x 327	✓	7,4	410,00 €	475,60 €
	Phoenix 48/250 VE.Direct IEC	PIN482510100	86 x 165 x 260	✓	2,4	112,00 €	129,92 €
	Phoenix 48/250 VE.Direct (AS/NZS 3112)	PIN482510300	86 x 165 x 260	✓	2,4	112,00 €	129,92 €
	Phoenix 48/250 VE.Direct (BS 1363)	PIN482510400	86 x 165 x 260	✓	2,4	112,00 €	129,92 €
	Phoenix 48/375 VE.Direct IEC	PIN483750100	86 x 165 x 260	✓	3,0	140,00 €	162,40 €
	Phoenix 48/375 VE.Direct (AS/NZS 3112)	PIN483750300	86 x 165 x 260	✓	3,0	140,00 €	162,40 €
	Phoenix 48/375 VE.Direct (BS 1363)	PIN483750400	86 x 165 x 260	✓	3,0	140,00 €	162,40 €
	Phoenix 48/500 VE.Direct IEC	PIN485010100	86 x 172 x 275	✓	3,9	202,00 €	234,32 €
	Phoenix 48/500 VE.Direct (AS/NZS 3112)	PIN485010300	86 x 172 x 275	✓	3,9	202,00 €	234,32 €
	Phoenix 48/500 VE.Direct (BS 1363)	PIN485010400	86 x 172 x 275	✓	3,9	202,00 €	234,32 €
	Phoenix 48/800 230V IEC	PIN488010100	104 x 194 x 305	✓	6,5	123,00 €	142,68 €
	Phoenix 48/800 VE.Direct IEC	PIN481800100	105 x 216 x 305	✓	5,5	300,00 €	348,00 €
	Phoenix 48/800 VE.Direct (AS/NZS 3112)	PIN481800300	105 x 216 x 305	✓	5,5	300,00 €	348,00 €
	Phoenix 48/800 VE.Direct (BS 1363)	PIN481800400	105 x 216 x 305	✓	5,5	300,00 €	348,00 €
	Phoenix 48/1200 VE.Direct IEC	PIN482120100	117 x 232 x 327	✓	7,4	440,00 €	510,40 €
	Phoenix 48/1200 VE.Direct UK (BS 1363)	PIN482120400	117 x 232 x 327	✓	7,4	440,00 €	510,40 €

APPENDIX	BATTERY CHARGERS: ALTERNATIVE AC PLUGS	kg	Netto	Brutto		
		kg	ohne MwSt.	inkl. MwSt.		
	hxwxd	€				
1 output, natural convection cooling. With BS 1363 plug (UK)						
Blue Smart IP65 Charger 12/4 + DC connector	BPC120431024R	47 x 95 x 190	✓	0,9	75,00 €	87,00 €
Blue Smart IP65 Charger 12/5 + DC connector	BPC120533024R	47 x 95 x 190	✓	0,9	79,00 €	91,64 €
Blue Smart IP65 Charger 12/7 + DC connector	BPC120731024R	47 x 95 x 190	✓	0,9	110,00 €	127,60 €
Blue Smart IP65 Charger 12/10 + DC connector	BPC121031024R	60 x 105 x 190	✓	0,9	130,00 €	150,80 €
Blue Smart IP65 Charger 12/15 + DC connector	BPC121531024R	60 x 105 x 190	✓	0,9	150,00 €	174,00 €
Blue Smart IP65 Charger 12/25 + DC connector	BPC122531024	75 x 140 x 240	✓★	1,9	200,00 €	232,00 €
Blue Smart IP65 Charger 24/8 + DC connector	BPC240831024R	60 x 105 x 190	✓	0,9	150,00 €	174,00 €
Blue Smart IP65 Charger 24/13 + DC connector	BPC241331024	75 x 140 x 240	✓★	1,9	November 200,00 €	232,00 €
1 output or 3 outputs, fan assisted cooling. With BS 1363 plug (UK)						
Blue Smart IP22 Charger 12/15 (1)	BPC121542022	235 x 108 x 65	✓	1,4	133,00 €	154,28 €
Blue Smart IP22 Charger 12/15 (3)	BPC121544022	235 x 108 x 65	✓	1,4	152,00 €	176,32 €
Blue Smart IP22 Charger 12/20 (1)	BPC122042022	235 x 108 x 65	✓	1,4	159,00 €	184,44 €
Blue Smart IP22 Charger 12/20 (3)	BPC122044022	235 x 108 x 65	✓	1,4	180,00 €	208,80 €
Blue Smart IP22 Charger 12/30 (1)	BPC123042022	235 x 108 x 65	✓	1,4	190,00 €	220,40 €
Blue Smart IP22 Charger 12/30 (3)	BPC123044022	235 x 108 x 65	✓	1,4	216,00 €	250,56 €
Blue Smart IP22 Charger 24/12 (1)	BPC2412242022	235 x 108 x 65	✓	1,4	163,00 €	189,08 €
Blue Power IP22 Charger 24/16 (1)	BPC241642022	235 x 108 x 65	✓	1,4	195,00 €	226,20 €
Blue Power IP22 Charger 24/16 (3)	BPC241644022	235 x 108 x 65	✓	1,4	221,00 €	256,36 €
1 output, natural convection cooling. With AS/NZS 3112 plug (AU/NZ)						
Blue Smart IP65 Charger 12/4 + DC connector	BPC120431024R	47 x 95 x 190	✓	0,9	75,00 €	87,00 €
Blue Smart IP65 Charger 12/5 + DC connector	BPC120533024R	47 x 95 x 190	✓	0,9	79,00 €	91,64 €
Blue Smart IP65 Charger 12/7 + DC connector	BPC120731024R	47 x 95 x 190	✓	0,9	110,00 €	127,60 €
Blue Smart IP65 Charger 12/10 + DC connector	BPC121031024R	60 x 105 x 190	✓	0,9	130,00 €	150,80 €
Blue Smart IP65 Charger 12/15 + DC connector	BPC121531024R	60 x 105 x 190	✓	0,9	150,00 €	174,00 €
Blue Smart IP65 Charger 12/25 + DC connector	BPC122531014	75 x 140 x 240	✓★	1,9	November 200,00 €	232,00 €
Blue Smart IP65 Charger 24/5 + DC connector	BPC240531024R	47 x 95 x 190	✓	0,9	110,00 €	127,60 €
Blue Smart IP65 Charger 24/8 + DC connector	BPC240831024R	60 x 105 x 190	✓	0,9	150,00 €	174,00 €
Blue Smart IP65 Charger 24/13 + DC connector	BPC241331014	75 x 140 x 240	✓★	1,9	November 200,00 €	232,00 €
1 output or 3 outputs, fan assisted cooling. With AS/NZS 3112 plug (AU/NZ)						
Blue Smart IP22 Charger 12/30 (1)	BPC123042012	235 x 108 x 65	✓	1,4	190,00 €	220,40 €
Blue Smart IP22 Charger 12/30 (3)	BPC123044012	235 x 108 x 65	✓	1,4	216,00 €	250,56 €
Blue Power IP22 Charger 24/16 (1)	BPC241642012	235 x 108 x 65	✓	1,4	195,00 €	226,20 €
Blue Power IP22 Charger 24/16 (3)	BPC241644012	235 x 108 x 65	✓	1,4	221,00 €	256,36 €
1 output, natural convection cooling. With AS/NZS 3112 plug (AU/NZ)						
Blue Smart IP67 Charger 12/7 (1)	BPC120713016	85 x 211 x 60	✓	1,8	105,00 €	121,80 €
Blue Smart IP67 Charger 12/17 (1)	BPC121713016	99 x 219 x 65	✓	2,4	136,00 €	157,76 €
Blue Smart IP67 Charger 12/25 (1)	BPC122513016	99 x 219 x 65	✓	2,4	177,00 €	205,32 €
Blue Smart IP67 Charger 24/12 (1)	BPC241213016	99 x 219 x 65	✓	2,4	177,00 €	205,32 €
1 output, natural convection cooling. With CEE 7/16 plug						
Blue Smart IP65 Charger 12/4 + DC connector	BPC120433034R	45 x 81 x 182	✓	0,6	75,00 €	87,00 €
Blue Smart IP65 Charger 12/5 + DC connector	BPC120533034R	45 x 81 x 182	✓	0,6	79,00 €	91,64 €
Blue Smart IP65 Charger 12/7 + DC connector	BPC120731034R	47 x 95 x 190	✓	0,8	110,00 €	127,60 €
Blue Smart IP65 Charger 12/10 + DC connector	BPC121031034R	60 x 105 x 190	✓	0,9	130,00 €	150,80 €
Blue Smart IP65 Charger 12/15 + DC connector	BPC121531034R	60 x 105 x 190	✓	0,9	150,00 €	174,00 €
Blue Smart IP65 Charger 12/25 + DC connector	BPC122531034	75 x 140 x 240	✓	1,9	200,00 €	232,00 €
Blue Smart IP65 Charger 24/5 + DC connector	BPC240531034R	47 x 95 x 190	✓	0,8	110,00 €	127,60 €
Blue Smart IP65 Charger 24/8 + DC connector	BPC240831034R	60 x 105 x 190	✓	0,9	150,00 €	174,00 €
Blue Smart IP65 Charger 24/13 + DC connector	BPC241331034	75 x 140 x 240	✓	1,9	200,00 €	232,00 €

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SOLARA®
module. komponenten. systeme

Artikel		kg	Netto ohne MwSt.	Brutto inkl. MwSt.
Solarmodul S-Serie Standart-Solarmodul				
S380M36 Solarmodul mit Alurahmen (95Wp)	1500 x 350 x 35	7,9	335,29 €	388,94 €
S480M45 Solarmodule mit Alurahmen (120Wp)	1250 x 557 x 35	6,6	268,07 €	310,96 €
S760M36 Solarmodule mit Alurahmen (190Wp)	1500 x 680 x 35	12,1	335,29 €	388,94 €
Solarmodule S-Serie Vision sehr robust und begehbar durch Glas/Glas-Verbund				
S450M36 Vision Solarmodul mit Alurahmen (110Wp)	1250 x 550 x 35	9,4	310,08 €	359,69 €
S770M36 Vision Solarmodul mit Alurahmen (150Wp)	1500 x 680 x 35	15,0	402,52 €	466,92 €
Solarmodule Power S-Serie mit schwarzem Aluminiumrahmen Backcontact Solarzelle Monocrystalline				
S555M36 Solarmodul mit Alurahmen (125Wp)	SunPower 1250 x 550 x 35		553,78 €	642,38 €
S705M44 Solarmodul mit Alurahmen (160Wp)	SunPower 1500 x 550 x 35		646,22 €	749,62 €
Solarmodule M-Serie semiflexibel auf Aluminium-Sandwich-Platte				
S50P36 Marinemodul, leicht biegsam 12Wp	431 x 243 x 4	0,9	242,86 €	281,72 €
S110P42 Marinemodul, leicht biegsam 27Wp	464 x 481 x 4	1,7	318,49 €	369,45 €
S170P43 Marinemodul, leicht biegsam 12Wp	645 x 481 x 4	2,2	394,12 €	457,18 €
S220P43 Marinemodul, leicht biegsam 55Wp	844 x 481 x 4	2,8	511,76 €	593,64 €
S320P41 Marinemodul, leicht biegsam 80Wp	798 x 695 x 4	3,7	637,82 €	739,87 €
Solarmodule Power M-Serie semiflexibel Backcontact Solarzelle Monocrystalline				
S465M31 Marinemodul, leicht biegsam (105Wp)	begehbar 1120 x 545 x 4	3,6	621,01 €	720,37 €
S505M34 Marinemodul, leicht biegsam (115Wp)	begehbar 990 x 660 x 4	4,2	705,04 €	817,85 €
S525M35 Marinemodul, leicht biegsam (120Wp)	begehbar 1250 x 545 x 4	4,4	738,66 €	856,85 €
S665M43 Marinemodul, leicht biegsam (150Wp)	begehbar 1510 x 545 x 4	5,2	839,50 €	973,82 €