

Preisliste

2021-Q1
Stand: 06.01.2021

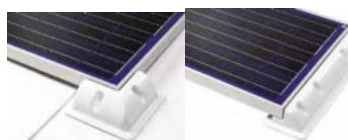
Accusysteme Transwatt
Coesterweg 41
59494 Soest



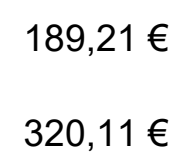
Alle Preise sind unverbindliche Preisempfehlungen, Brutto inkl. 19% MwSt.
Alle Preise gelten ab Werk, zuzüglich Verpackung und Versand
Alle Preise gelten pro Stück
Hinweis: Batterien sind vom Umtausch ausgeschlossen
Preis- Artikel- und technische Änderungen sowie Druckfehler vorbehalten

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

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 €	2.897,51 €
	Batterie TH 12V/200Ah-4 (M)**	10016611	465x265x290	34,0	2.434,88 €	2.897,51 €
	Batterie TH 12V/300Ah-4 (E)*	10013320	465x265x340	44,0	3.697,48 €	4.400,00 €
	Batterie TH 12V/300Ah-4 (M)**	10013321	465x265x340	44,0	3.697,48 €	4.400,00 €
Batterieüberwachungssystem Li/ Pb						
	TBS 12-300A-Li***	10019230	100x75x120	0,8	489,80 €	582,86 €
	TBS 12-500A-Li***	10019410	100x75x120	0,8	863,00 €	1.026,97 €
	TBS 24-300A-Li***	10014130	100x75x120	0,8	489,80 €	582,86 €
	TBS 48-200A-Li***	10014140	100x75x120	0,8	489,80 €	582,86 €
	TBS 12-300A-Pb***	10014640	100x75x120	1,7	545,00 €	648,55 €
* (E) = Endbatterie ** (M) = Mittelbatterie *** Kapazitätsüberwachung erforderlich: BMV60xS/70xS bzw. TPC Panel						
Mover Set						
	Mover Set 450	10017700		21,0	335,25 €	398,95 €
	Exide AGM Batterie EP450 + Blue Power Charger 12/10 IP65 + DC Connector + Batterieschalter + Batterie-Schnellverbinder					
	Mover Set 900	10017710		35,0	458,95 €	546,15 €
	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 €	799,00 €
onDuty Light	10023100			0,1	377,31 €	449,00 €
onDuty Power	10023110			0,1	419,33 €	499,00 €
onDuty Display 5" mit Adapter	10023120			0,1	570,59 €	679,00 €
onDuty Display 7" mit Adapter	10023130			0,1	621,01 €	739,00 €
onDuty Display 9" mit Adapter	10023135			0,1	1.074,57 €	1.278,74 €
onDuty MK3 mod	10023140			0,1	142,02 €	169,00 €
onDuty Air	10023520			0,1	133,61 €	159,00 €
onDuty Innentemperatursensor	10023530			0,1	74,79 €	89,00 €
Transwatt Stromkreisverteiler GX Touch	10023330	252x190x70	★	0,3	660,00 €	785,40 €
Universal-Tankgeber TS1 von BEPMARINE	10023410		★	0,1	144,45 €	171,90 €
BEP USTS Programmier-Interface	10023490		★	0,1	158,74 €	188,90 €

Artikel	Art Nr.	LxBxH (mm)	kg	Netto	Brutto	
Sicherungen				ohne MwSt.	inkl. MwSt.	
	Sicherungshalter für MIDI-fuse Sicherungen	10012970	30x42x12	-	9,00 €	10,71 €
	23 A Sicherung MIDI-Fuse, 32V	10015640	30x42x12	-	3,20 €	3,81 €
	30 A Sicherung MIDI-Fuse, 32V	10018970	30x42x12	-	5,20 €	6,19 €
	40 A Sicherung MIDI-Fuse, 32V	10015650	30x42x12	-	5,20 €	6,19 €
	50 A Sicherung MIDI-Fuse, 32V	10018170	30x42x12	-	5,20 €	6,19 €
	60 A Sicherung MIDI-Fuse, 32V	10012960	30x42x12	-	5,20 €	6,19 €
	200 A Sicherung MIDI-Fuse, 32V	V0004450	30x42x12	-	12,00 €	14,28 €
	Sicherungshalter für Megafuse Sicherungen	G1003416	97x39x39	-	12,00 €	14,28 €
	60A Sicherung MEGA-Fuse, 32V	G1004267	9x67x19	-	3,00 €	3,57 €
	80A Sicherung MEGA-Fuse, 32V	G1003617	9x67x19	-	3,00 €	3,57 €
	100A Sicherung MEGA-Fuse, 32V	G1003417	9x67x19	-	3,00 €	3,57 €
	125A Sicherung MEGA-Fuse, 32V	G1003612	9x67x19	-	3,00 €	3,57 €
	200A Sicherung MEGA-Fuse, 32V	G1003418	9x67x19	-	3,00 €	3,57 €
	225A Sicherung MEGA-Fuse, 32V	G1003662	9x67x19	-	3,00 €	3,57 €
	300A Sicherung MEGA-Fuse, 32V	G1003419	9x67x19	-	3,00 €	3,57 €
	400A Sicherung MEGA-Fuse, 32V	G1003520	9x67x19	-	4,80 €	5,71 €
	500A Sicherung MEGA-Fuse, 32V	G1003611	9x67x19	-	5,00 €	5,95 €
	125A Sicherung, Megafuse, 58V	V0010110	9x67x19	-	30,00 €	35,70 €
200A Sicherung, Megafuse, 58V	V0004840	9x67x19	-	30,00 €	35,70 €	
250A Sicherung, Megafuse, 58V	V0010290	9x67x19	-	30,00 €	35,70 €	
300A Sicherung, Megafuse, 58V	V0010120	9x67x19	-	30,00 €	35,70 €	
Aderleitung						
	Aderleitung H07V-K 6mm²	08234600		-	1,20 €	1,43 €
	Aderleitung H07V-K 10mm²	07888080		-	2,70 €	3,21 €
	Aderleitung H07V-K 16mm²	10011200		-	2,25 €	2,68 €
	Aderleitung H01N2-D 25mm²	10008570	N/A	-	3,30 €	3,93 €
	Aderleitung H01N2-D 35mm²	10005530	N/A	-	5,02 €	5,97 €
	Aderleitung H01N2-D 50mm²	10005540	N/A	-	6,50 €	7,74 €
	Aderleitung H01N2-D 70mm²	01563330	N/A	-	12,72 €	15,14 €
	Aderleitung H01N2-D 95mm²	10019720	N/A	-	12,72 €	15,14 €
Andere Kabeltypen bitte Anfragen						
Kabelschuhe						
	Quetschkabelschuh 35mm² Bohrung M8	06579190	N/A	-	1,00 €	1,19 €
	Quetschkabelschuh 35mm² Bohrung M10	06570620	N/A	-	1,00 €	1,19 €
	Quetschkabelschuh 50mm² Bohrung M8	07128130	N/A	-	1,00 €	1,19 €
	Quetschkabelschuh 50mm² Bohrung M10	07128210	N/A	-	1,00 €	1,19 €
	Quetschkabelschuh 70mm² Bohrung M8	G1002730	N/A	-	1,50 €	1,79 €
	Quetschkabelschuh 70mm² Bohrung M10	06553070	N/A	-	1,59 €	1,89 €
	Quetschkabelschuh 95mm² Bohrung M8	00997240	N/A	-	2,20 €	2,62 €
	Quetschkabelschuh 95mm² Bohrung M10	10014810	N/A	-	2,20 €	2,62 €
Andere Kabelschuhe, Stoßverbinder udgl. bitte Anfragen						
Montagezubehör						
	Spoiler für Solarmodule, 55cm lang, 2 Stk, weiß	10023630		1,2	48,66 €	57,91 €
	Spoiler für Solarmodule, 68cm lang, 2 Stk, weiß	10115220		1,3	42,00 €	49,98 €
	Spoiler für Solarmodule, 53cm lang, 2 Stk, schwarz	10022740		1,2	29,33 €	34,90 €
	Spoiler für Solarmodule, Eckprofil, 4 Stk	S0000370		1,4	38,66 €	46,01 €
	Dachdurchführung mit einem Eingang	S0000140	120x65x40	0,1	12,52 €	14,90 €
	Dachdurchführung mit zwei Eingängen	S0000150	120x110x40	0,1	14,70 €	17,49 €
	DEKALIN DEKASYL MS-5 weiß, 290ml	10016020		0,5	21,90 €	26,06 €
	DEKALIN DEKASYL MS-5 schwarz, 290ml	10115180		0,5	21,90 €	26,06 €
	(+) Verteilung im Sicherungskasten AP Haubenverteiler mit Reihen-Sicherungsklemmen für 17 Sicherungskreise	10016520	211x140x80	1,2	195,50 €	232,65 €
	Batterie Trennschalter 100A Batterieschalter 600A Dauerbelastung Blue Sea Systems Batterieschalter 300A Dauerbelastung Blue Sea Systems	10017640 10018390 10018400	100x80x59 72x72x78 72x72x79		14,25 € 97,02 € 45,26 €	16,96 € 115,45 € 53,86 €
	Exide AGM Batterie EP 450 12V/50Ah	10017670	260x173x206	19,0	213,31 €	253,84 €
	Exide AGM Batterie EP 900 12V/100Ah	10017680	330x173x240	32,0	336,18 €	400,05 €
	Batterie-Schnellverbinderset rot und blau	10018460			6,19 €	7,37 €
Kleinmengenzuschlag bei Bestellungen unter 100,- € Kabelkonfektionierung auf Anfrage						

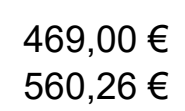
Transwatt Solar Platten mit Alu-Rahmen



296,48 €

189,90 €
269,90 €

Transwatt Solar Semi-Flex



Brutto

	Part No.	Length (mm) x Width	Qty	Note	Drawn
Solar Sets					

548,99 €
729,01 €
829,00 €
1.299,00 €
1.999,00 €
2.499,00 €

929,00 €
1.748,99 €
1.068,99 €
1.998,00 €

850,20 €
1.299,00 €

Heimspeicher - Pylontech



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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 €	1.164,01 €
Liontron LiFePO4 12,8V 100Ah LXArtic Smart BMS mit Bluetoo	10023690	345x172x208	★	14,5	1.077,54 €	1.282,27 €
Liontron LiFePO4 12,8V 150Ah LX Smart BMS mit Bluetooth	10023720	350x175x260	★	22,0	1.370,59 €	1.631,00 €
Liontron LiFePO4 12,8V 150Ah LXArtic Smart BMS mit Bluetoo	10023740	350x175x260	★	22,0	1.469,97 €	1.749,26 €
Liontron LiFePO4 12,8V 200Ah LX Smart BMS mit Bluetooth	10023730	390x232x260	★	26,0	1.775,63 €	2.113,00 €
Liontron LiFePO4 12,8V 200Ah LXArtic Smart BMS mit Bluetoo	10023750	390x232x260	★	26,0	1.875,02 €	2.231,27 €
Liontron Lithiumbatterien 12,8V Wohnmobil-Untersitz-Batterie LX						
Liontron LiFePO4 12,8V 150Ah Batterie LX	10023700	350x283x187	★	22,0	1.518,49 €	1.807,00 €
Liontron LiFePO4 12,8V 200Ah Batterie LX	10023710	350x283x187	★	29,0	2.023,53 €	2.408,00 €
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 €	562,00 €
Liontron LiFePO4 25,6V 40Ah LX Smart BMS mit Bluetooth	10023770	260x169x209	★	10,8	812,60 €	966,99 €
Liontron LiFePO4 25,6V 100Ah LX Smart BMS mit Bluetooth	10023780	390x232x260	★	26,0	1.775,63 €	2.113,00 €

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MG ENERGY SYSTEMS

innovation in energy storage

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 €	2.401,42 €	
	MG LFP Battery 25,6V/280Ah/7200Wh	M0000110	652x193x294	53,0	(bis 144VDC)	4.400,00 €	5.236,00 €	
 MG HE Battery	MG HE Serie							
	MG HE Battery 25,2V/100Ah/2500Wh	M0001010	362x214x193	15,7	(bis 144VDC)	2.199,75 €	2.617,70 €	
	MG HE Battery 25,2V/100Ah/2500Wh (M12)	M0001020	362x214x193	15,7	(bis 144VDC)	2.357,25 €	2.805,13 €	
	MG HE Battery 25,2V/100Ah/2500Wh (M12, HV)	MGHE242100	362x214x193	15,7	(bis 460VDC)	2.409,75 €	2.867,60 €	
	MG HE Battery 25,2V/150Ah/3750Wh	M0001030	362x284x193	22,4	(bis 144VDC)	2.992,50 €	3.561,08 €	
	MG HE Battery 25,2V/150Ah/3750Wh (M12)	MGHE240150	362x284x193	22,4	(bis 144VDC)	3.150,00 €	3.748,50 €	
	MG HE Battery 25,2V/150Ah/3750Wh (M12, HV)	MGHE242150	362x284x193	22,4	(bis 460VDC)	3.202,50 €	3.810,98 €	
	MG HE Battery 25,2V/200Ah/5000Wh	M0002010	362x355x193	28,6	(bis 144VDC)	3.515,00 €	4.182,85 €	
	MG HE Battery 25,2V/200Ah/5000Wh (M12)	MGHE240200	362x355x193	28,6	(bis 144VDC)	3.657,50 €	4.352,43 €	
	MG HE Battery 25,2V/200Ah/5000Wh (M12, HV)	MGHE242200	362x355x193	28,6	(bis 460VDC)	3.705,00 €	4.408,95 €	
	MG HE Battery 25,2V/300Ah/7500Wh	M0003010	366x497x193	41,5	(bis 144VDC)	4.715,00 €	5.610,85 €	
	MG HE Battery 25,2V/300Ah/7500Wh (M12)	MGHE240300	366x497x193	41,5	(bis 144VDC)	4.873,00 €	5.798,87 €	
	MG HE Battery 25,2V/300Ah/7500Wh (M12, HV)	MGHE242300	366x497x193	41,5	(bis 460VDC)	4.925,00 €	5.860,75 €	
	MG UHE Serie							
	MG UHE Battery 25,2V/220Ah/5500Wh	MGUHE240220	362x355x193	29,3	(bis 144VDC)	4.700,00 €	5.593,00 €	
	MG UHE Battery 25,2V/330Ah/8300Wh	MGUHE240330	366x497x193	42,5	(bis 144VDC)	5.500,00 €	6.545,00 €	
	MG UHE Battery 25,2V/330Ah/8300Wh (M12)	MGUHE242330	366x497x193	42,5	(bis 460VDC)	5.695,00 €	6.777,05 €	
 MG HP Battery	MG HP Serie							
	MG HP Battery 25,2V/90Ah/2250Wh	MGHP240090	362x214x193	15,7	Starter	2.509,50 €	2.986,31 €	
	MG HP Battery 25,2V/90Ah/2250Wh (M12)	MGHP241090	362x214x193	15,7	Starter	2.667,00 €	3.173,73 €	
	MG HP Battery 25,2V/135Ah/3400Wh	MGHP240135	362x284x193	22,4	Starter	3.570,00 €	4.248,30 €	
	MG HP Battery 25,2V/135Ah/3400Wh (M12)	MGHP241135	362x284x193	22,4	Starter	3.727,50 €	4.435,73 €	
	MG HP Battery 25,2V/180Ah/4500Wh	MGHP240180	362x355x193	28,6	Starter	4.515,00 €	5.372,85 €	
	MG HP Battery 25,2V/180Ah/4500Wh (M12)	MGHP241180	362x355x193	28,6	Starter	4.672,50 €	5.560,28 €	
	MG E-Rack Serie							
	MG E-Rack Master 25,2V/15kWh (inkl. Master LV 150A)	MGER024015	690x480x500	126,0	inkl. Kabel	10.924,45 €	13.000,10 €	
	MG E-Rack Master 50,4V/15kWh (inkl. Master LV 150A)	MGER048015	690x480x500	126,0	inkl. Kabel	10.924,45 €	13.000,10 €	
	MG E-Rack Slave 25,2V/15kWh (No Master LV)	MGER024415	auf Anfrage		inkl. Kabel	10.063,50 €	11.975,57 €	
	MG E-Rack Slave 50,4V/15kWh (No Master LV)	MGER048415	auf Anfrage		inkl. Kabel	10.063,50 €	11.975,57 €	
 MG Battery Modules 44V up to 88V	MG RS Serie							
	MG RS Battery 43,8V/176Ah/7700Wh 300er Serie	MGRS12S4P176-300	539x355x323	75,0	(bis 900V)	8.600,00 €	10.234,00 €	
	MG RS Battery 51,1V/132Ah/6700Wh 300er Serie	MGRS14S3P132-300	539x355x323	69,0	(bis 900V)	7.850,00 €	9.341,50 €	
	MG RS Battery 58,4V/132Ah/7700Wh 300er Serie	MGRS16S3P132-300	539x355x323	75,0	(bis 900V)	8.600,00 €	10.234,00 €	
	MG RS Battery 87,6V/88Ah/7700Wh 300er Serie	MGRS24S2P088-300	539x355x323	75,0	(bis 900V)	8.600,00 €	10.234,00 €	
	RS Series exhaust ducting flange type	MGRS00100001				95,00 €	113,05 €	
	RS Series exhaust ducting sleeve type	MGRS00100002				36,00 €	42,84 €	
MG CS Serie (Liquid Cooling/Heating)								
MG CS Battery 50,4V/200Ah/10kWh		MGCS480200		(bis 900V)	auf Anfrage	Auf Anfrage		
Battery Management Controllers / Low voltage master BMS								
 MG Master LV	MG Master LV 12V/150A	MGMLV120150	428x226x177	3,8		755,10 €	898,57 €	
	MG Master LV 12V/400A	MGMLV120400	428x226x177	4,6		864,90 €	1.029,23 €	
	MG Master LV 12V/600A	MGMLV120600	428x226x177	5,7		1.049,40 €	1.248,79 €	
	MG Master LV 12V/1000A	MGMLV121000	428x226x177	9,4		1.439,10 €	1.712,53 €	
	MG Master LV 24-48V/150A	M0010100	428x226x177	3,8		880,95 €	1.048,33 €	
	MG Master LV 24-48V/150A (M12)	MGMLV482150	428x226x177	3,8		959,70 €	1.142,04 €	
	MG Master LV 24-48V/400A	M0010110	428x226x177	4,6		1.009,05 €	1.200,77 €	
	MG Master LV 24-48V/400A (M12)	MGMLV482400	428x226x177	4,6		1.087,80 €	1.294,48 €	
	MG Master LV 24-48V/600A	M0010130	428x226x177	5,7		1.224,30 €	1.456,92 €	
	MG Master LV 24-48V/600A (M12)	MGMLV482600	428x226x177	5,7		1.303,05 €	1.550,63 €	
	MG Master LV 24-48V/1000A	M0010120	428x226x177	9,4		1.678,95 €	1.997,95 €	
	MG Master LV 24-48V/1000A (M12)	MGMLV481002	428x226x177	9,4		1.757,70 €	2.091,66 €	
	MG Master LV 72-96V/500A	MGMLV960500	428x226x177	4,9		1.130,52 €	1.345,32 €	
	MG Master LV 72-96V/500A (M12)	MGMLV962500	428x226x177	4,9		1.231,59 €	1.465,59 €	
	Battery Management Controllers / High voltage master BMS							
 MG Master HV	MG Master HV 144-800V/300A	MGMHV800300	430x329x121	11,0		7.000,00 €	8.330,00 €	
	MG Master HV 144-800V/500A	MGMHV800500	430x329x121	11,0		7.000,00 €	8.330,00 €	
	Master HV I/O cable assembly 2m	MGCAA0010014				110,50 €	131,50 €	

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Artikel	Art Nr.	LxBxH (mm)	kg	Netto	Brutto	
Votronic Lichtmaschinen Ladegeräte						
Lieferung des ges. Votronic Programms						
	B2B-Ladegeräte für Blei- u. LiFePO4-Batterien - galvanisch isoliert -					
	Lade-Wandler VCC 1224-25 IUoU***	L0000720	270x139x74	1,7	348,66 €	414,91 €
	Lade-Wandler VCC 2424-25 IUoU***	L0000160	270x139x74	1,7	341,85 €	406,80 €
	Lade-Wandler VCC 2412-25 IUoU-Li***	L0000990	270x139x74	1,4	283,78 €	337,70 €
	Lade-Wandler VCC 2412-45 Li***	L0000470	270x139x74	1,7	353,19 €	420,30 €
	Lade-Wandler VCC 2412-45 IUoU-Li***	L0001150	270x139x74	1,7	353,19 €	420,30 €
	Lade-Wandler VCC 1212-25 IUoU-Li***	L0000730	270x139x74	1,4	267,90 €	318,80 €
	Lade-Wandler VCC 1212-45 Li***	L0000460	270x139x74	1,7	338,66 €	403,01 €
	Lade-Wandler VCC 1212-45 IUoU-Li***	L0000960	270x139x74	1,7	338,66 €	403,01 €
	12V B2B-Ladegeräte für Blei u. LiFePO4-Batterien - ohne galvanische Isolation -					
Lade-Wandler VCC 1212-20C Lithium & Blei***	L0001400	146x73x40	0,3	151,26 €	180,00 €	
Lade-Wandler VCC 1212-30 Lithium & Blei***	L0000970	146x73x40	0,5	151,26 €	180,00 €	
Lade-Wandler VCC 1212-50 Lithium & Blei***	L0001140	165x139x73	1,0	273,70 €	325,70 €	
Lade-Wandler VCC 1212-70 Lithium & Blei***	L0001170	235x139x74	1,3	365,38 €	434,80 €	
Lade-Wandler VCC 1212-90 Lithium & Blei***	L0000980	235x139x74	1,5	421,85 €	502,00 €	
*** auch in der Marine-Version verfügbar (Aufpreis 5% auf den Listenpreis)						
12V Ladegeräte-Kobinationen für Blei- u. LiFePO4-Batterien Serie VBCS Triple						
Lieferung des ges. Votronic Programms						
	Battery Charger VBCS 30/20/250 Triple	L0000890	217x250x85	2,7	555,71 €	661,29 €
	Battery Charger VBCS 45/30/350 Triple	L0000900	217x250x85	2,9	695,38 €	827,50 €
	Battery Charger VBCS 60/40/430 Triple	L0001510	217x250x85	2,9	825,88 €	982,80 €
Votronic Solar-Regler						
Lieferung des ges. Votronic Programms						
	Solar-Regler SR 140 Duo Dig.	L0000310	131x77x40	0,2	54,71 €	65,10 €
	Solar-Regler SR 220 Duo Dig.	1615	131x77x40	0,2	63,03 €	75,01 €
	Solar-Regler SR 330 Duo Dig.	L0000220	131x77x40	0,2	78,07 €	92,90 €
	Solar-Regler SR 530 Duo Dig.	1625	131x77x40	0,2	114,54 €	136,30 €
	Solar-Regler SR 300-24 Duo Dig.	L0000780	131x77x40	0,2	85,55 €	101,80 €
	Solar-Regler MPP 165 Duo Dig.	L0000240	131x77x40	0,2	85,97 €	102,30 €
	Solar-Regler MPP 250 Duo Dig.	L0000250	131x77x40	0,2	118,99 €	141,60 €
	Solar-Regler MPP 350 Duo Dig.	L0000230	131x77x40	0,3	155,80 €	185,40 €
	Solar-Regler MPP 430 Duo Dig.	L0000180	160x100x71	0,7	191,34 €	227,69 €
Votronic Periphere Geräte // StandBy-Charger						
Lieferung des ges. Votronic Programms						
	StandBy-Charger	L0000880	90x60x38	0,5	24,12 €	28,70 €
	StandBy-Charger 24V	6065	90x60x38	0,5	27,73 €	33,00 €
	D+ Simulator	L0000820	70x36x17	0,1	39,08 €	46,51 €
	D+ Simulator Pro	3067	★	0,1	62,69 €	74,60 €
Votronic Füllstands-Messsysteme						
Lieferung des ges. Votronic Programms						
	Frischwassertankanzeige S	L0000270	29x63x18	-	34,96 €	41,60 €
	Abwassertankanzeige S	L0000280	29x63x18	-	36,39 €	43,30 €
	Fäkaltankanzeige S	L0000800	29x63x18	-	39,33 €	46,80 €
	Tank-Sensor FL	L0001010	N/A	-	40,34 €	48,00 €
	Tankelektrode 12-24K (nach Trinkwasserverordnung DIN 2001-2)	L0000930	N/A	-	51,01 €	60,70 €
	Tankelektrode 15-50 K (nach Trinkwasserverordnung DIN 2001-2)	L0000260		-	51,01 €	60,70 €
	Batterie-Computer S100	L0000860	80x85x25	-	142,02 €	169,00 €
	Batterie-Computer S200	L0000500	80x85x25	-	161,93 €	192,70 €
	Batterie-Computer S400	L0000870	80x85x25	-	204,62 €	243,50 €
	LCD-Solar-Computer S	L0000190	80x85x25	-	79,41 €	94,50 €
	LCD-Thermometer / Uhr	L0000040	80x85x25	-	83,19 €	99,00 €
	Temperatur-Sensor 825	L0000050	2m Leitung		17,65 €	21,00 €

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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 €	199,00 €
Batterie, Tank u. Lade-Monitor mit Touchscreen "BTM"	P0000990	105x105x35	0,1	209,24 €	249,00 €
Digitaler Tankmonitor mit Touchscreen "TCS" 2,4"	P0000980	105x75x35	0,1	133,61 €	159,00 €
Digitaler Tankmonitor mit Touchscreen "VTM" 3,5"	P0001240	105x105x35	0,1	184,03 €	219,00 €
Universal-Tankinterface UTI	P0000480	130x42x80	0,2	65,55 €	78,00 €
Shunt SHE 300 kompatibel zu BTM	P0001010	118x40x65	0,2	79,83 €	95,00 €
ACE-LIN Interface passend zu BTM für Ladegerät ACE	P0001020		0,1	37,82 €	45,01 €
Tank-Drucksonde TDN 200 (nur Wasser)	P0001030	max. 200cm Tankhöhe	0,2	251,26 €	299,00 €
Tank-Drucksonde TDS 200	P0000470	max. 200cm Tankhöhe	0,2	310,08 €	369,00 €
Tankgeber TGW 200	P0001340	min. 185mm Tankhöhe		89,08 €	106,01 €
Tankgeber TGW 250	P0000510	min. 235mm Tanktiefe		99,16 €	118,00 €
Tankgeber TGW 300	P0000450	min. 285mm Tanktiefe		107,56 €	128,00 €
Tankgeber TGW 450	P0000110	min. 435mm Tanktiefe		136,97 €	162,99 €
Tankgeber TGW 500	P0000490	min. 485mm Tanktiefe		147,06 €	175,00 €
Tankgeber TGW 600	P0000730	min. 585mm Tanktiefe		152,94 €	182,00 €
Tankgeber TGW 700	P0000460	min. 685mm Tanktiefe		164,71 €	196,00 €
Ultraschall Tanksensor UTV 20	P0000770	200mm		83,95 €	99,90 €
Ultraschall Tanksensor UTV 30	P0000800	300mm		83,95 €	99,90 €
Ultraschall Tanksensor UTV 45	P0000130	450mm		83,95 €	99,90 €
Schallführungsrohr UFT 40	P0000160	400mm		15,88 €	18,90 €

Philippi Sicherungsverteiler bis 30A / Sammelschienen / Klemmleisten / Stromkreisverteiler

Lieferung des ges. Philippi Programms



ASM 6/12



STV 207

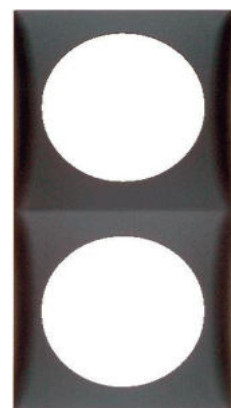
ASM 6 Sicherungshalter für Flachsicherungen 6Stk. +/-	P0000210	125x84x39		46,70 €	55,57 €
ASM 12 Sicherungshalter für Flachsicherungen 12Stk. +/-	P0000240	165x84x39		58,35 €	69,44 €
MSB 6 Minus-Sammelschiene 6x M10	P0000220	240x39x55		50,00 €	59,50 €
MSB 4 Minus-Sammelschiene 4x M10	P0000230	180x39x55		41,60 €	49,50 €
MSS 9 Minus-Sammelschiene 4x M8 und 5x M6	P0000710	238x39x42		41,93 €	49,90 €
RKL 10 Klemmleiste montiert auf Hutschiene	P0000330	235x60x60		77,31 €	92,00 €
RKL 14 Klemmleiste montiert auf Hutschiene	P0000670	335x60x55		99,16 €	118,00 €
RKL 16/4 Klemmleiste montiert auf Hutschiene	P0000440	355x60x60		141,18 €	168,00 €
STV 203 (3x30A Wippschutzschalter)	P0000430	105x105x7		116,81 €	139,00 €
STV 204 (4x10A Wippschutzschalter)	P0000790	105x105x7		103,36 €	123,00 €
STV 207 (7x10A Wippschutzschalter + DC und USB)	P0000520	105x210x70		192,44 €	229,00 €
STV 208 (8x10A Wippschutzschalter)	10020070	210x105x70		178,99 €	213,00 €
STV 210 (10x10A Wippschutzschalter)	P0000340	105x210x70		212,61 €	253,01 €
STV 237 (BTM)	P0001150	157,5x210x70		368,91 €	439,00 €
LAE 236	P0001300	105x210x70		184,03 €	219,00 €
Leertafel Leer 202	P0000350	210x105x2,5		19,75 €	23,50 €

Philippi Steckdosen / USB-Ladesteckdosen

Lieferung des ges. Philippi Programms



USD GW



ADR 2

USD GW (USB Einbau-Doppel-Ladesteckdose)	P0000500			32,77 €	39,00 €
PSD 12/24MP (Einbausteckdose mit Deckel)	P0000660			8,32 €	9,90 €
USB Doppel-Ladesteckdose, schwarz, 5V/2x2,1A	P0000310	59,5x59,5		54,87 €	65,30 €
ND 230, schwarz, Schuko-Steckdose	P0000390	59,5x59,5		6,72 €	8,00 €
ND 230, weiß, Schuko-Steckdose	P0000610	59,5x59,5		6,72 €	8,00 €
ADR 1, schwarz, Abdeckrahmen 1-fach	P0000320	59,5x59,5		1,68 €	2,00 €
ADR 1, weiß, Abdeckrahmen 1-fach	P0000630	59,5x59,5		1,68 €	2,00 €
ADR 1, chrom matt, Abdeckrahmen 1-fach	P0000750	59,5x59,5		7,06 €	8,40 €
ADR 1, chrom glänzend, Abdeckrahmen 1-fach	P0000780	59,5x59,5		7,06 €	8,40 €
ADR 1, Edelstahl, Abdeckrahmen 1-fach	P0000580	59,5x59,5		4,37 €	5,20 €
ADR 2, schwarz, Abdeckrahmen 2-fach	P0000360	59,5x59,5		4,03 €	4,80 €
ADR 2, weiß, Abdeckrahmen 2-fach	P0000640	59,5x59,5		4,03 €	4,80 €
ADR 2, Edelstahl, Abdeckrahmen 2-fach	P0000590	59,5x59,5		6,13 €	7,29 €
ADR 3, schwarz, Abdeckrahmen 3-fach	P0000370	59,5x59,5		5,04 €	6,00 €
ADR 3, weiß, Abdeckrahmen 3-fach	P0000650	59,5x59,5		5,04 €	6,00 €
SKL, Sicherungsklemme für Hutschienenmontage	P0000840	65 x 47 x 8		9,41 €	11,20 €
SKL-B, Brückenmaterial mit Schrauben, bis max. 34A	P0000850			5,13 €	6,10 €

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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 €	4.286,00 €
	TIG 3000B, 3,0 kW mit automatischem Bedienteil und Bluetooth Schnittstelle	T0000220	501x260x382	51,8	3.254,62 €	3.873,00 €
	TIG 3000D, 2,8 kW mit automatischem Bedienteil und Bluetooth Schnittstelle	T0000190	585x410x470	78,0	5.436,97 €	6.469,99 €
	Energy 2510G, 2,5 kW mit automatischem Bedienteil	T0000020	295x555x385	60,0	3.425,21 €	4.076,00 €
	Energy 2510B, 2,5 kW, mit automatischem Bedienteil	905850	295x555x385	56,0	2.952,94 €	3.514,00 €
	Energy 2510D, 2,2 kW mit automatischem Bedienteil	T0000090	380x660x41	98,0	4.841,18 €	5.761,00 €
	Energy 4010D, 3,4 KVA mit automatischem Bedienteil	T0000030	390x690x410	110,0	5.945,38 €	7.075,00 €
	Energy 8012G, 70A /13,5V DC mit automatischem Bedienteil	T0000040	501x265x382	52,0	2.863,87 €	3.408,01 €
	Dieselfilter FD für Telair Diesel-Generatoren	T0000120			36,13 €	42,99 €
	Elektrische Diesel-Kraftstoffpumpe PEC für Telair Diesel Generatoren	T0000130			148,74 €	177,00 €
	Schalldämpfer TelAir 4010 G+B	T0000050			144,54 €	172,00 €

2021-Q1	Artikel		Art Nr.	LxBxH (mm)	kg
Fischer Panda Diesel Generatoren					
Lieferung des ges. Fischer Panda Programms					
	Panda 5000i PVMV-N , 0-4,0 kW / 5,0 KVA	F0000570	9.967,00 €	11.860,73 €	
	Panda 8000i PVMV-N, 0-6,4 kW / 8,0 KVA	F0000870	14.117,00 €	16.799,23 €	
	Panda 10.000i PVMV-N, 0-6,4 kW / 8,0 KVA	F0001040	15.711,00 €	18.696,09 €	
	Panda 15.000i PVMV-N 0-12 kW / 15 KVA	F0001920	18.527,00 €	22.047,13 €	
	AGT 4000-12 PVMV-N, 3,2 kW	0014761	9.265,00 €	11.025,35 €	
	AGT 4000-24 PVMV-N, 3,2 kW	0015453	9.373,00 €	11.153,87 €	
	Panda 5000i PVK-U , 0-4,0 kW / 5,0 KVA	F0001530	10.964,00 €	13.047,16 €	
	Panda 8000i PVK-U, 0-6,4 kW / 8,0 KVA	0015531	15.528,00 €	18.478,32 €	
	Panda 10.000i PVK-U, 0-6,4 kW / 8,0 KVA	0005536	17.281,00 €	20.564,39 €	
	Panda 15.000i PVK-U 0-12 kW / 15 KVA	0005532	20.379,00 €	24.251,01 €	
	AGT 4000-12 PVK-U, 3,2 kW		10.239,00 €	12.184,41 €	
	AGT 4000-24 PVK-U, 3,2 kW	0015473	10.285,00 €	12.239,15 €	
	Panda 5000i PVK-UK , 0-4,0 kW / 5,0 KVA**	F0000780	12.281,00 €	14.614,39 €	
	Panda 8000i PVK-UK, 0-6,4 kW / 8,0 KVA **	F0001160	17.392,00 €	20.696,48 €	
	Panda 10.000i PVK-UK, 0-6,4 kW / 8,0 KVA**	0005535	19.355,00 €	23.032,45 €	
	Panda 15.000i PVK-UK 0-12 kW / 15 KVA**	0015522	22.782,00 €	27.110,58 €	
	AGT 4000-12 PVK-UK, 3,2 kW **		11.433,00 €	13.605,27 €	
	AGT 4000-24 PVK-UK, 3,2 kW **		11.548,00 €	13.742,12 €	
	Panda 5000i.Neo PMS , 0-4,0 kW / 5,0 KVA*	F0001150	5.995,00 €	7.134,05 €	
	Panda 5000i PMS , 0-4,0 kW / 5,0 KVA*	F0000370	9.046,00 €	10.764,74 €	
	Panda 8000i PMS, 0-6,4 kW / 8,0 KVA*	F0003180	11.155,00 €	13.274,45 €	
	Panda 10.000i PMS, 0-6,4 kW / 8,0 KVA*	F0000660	12.358,00 €	14.706,02 €	
	Panda 15.000i PMS 0-12 kW / 15 KVA*	F0001050	16.779,00 €	19.967,01 €	
	AGT 4000-12 PMS, 3,2 kW*	0004934	8.356,00 €	9.943,64 €	
	AGT 4000-24 PMS, 3,2 kW*	0000352	8.458,00 €	10.065,02 €	
Fischer Panda Dachkühler					
Lieferung des ges. Fischer Panda Programms					
	RD-D, Dachkühler DC RD1.2	F0000730	918,00 €	1.092,42 €	
	RD-D, Dachkühler DC RD2.2	0022841	1.830,00 €	2.177,70 €	
	RD-D, Dachkühler DC RD3.2	0000426	1.982,00 €	2.358,58 €	

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Artikel						Netto	Brutto
INVERTER						ohne MwSt.	inkl. MwSt.
230VAC/50Hz Sinewave		hxwxd	C	e	VE.B	kg	
 Phoenix Inverter	Phoenix 12/250 VE.Direkt Schuko*	PIN121251200	86 x 165 x 260	✓	✓	2,4	96,00 € 114,24 €
	Phoenix 12/375 VE.Direkt Schuko*	PIN121371200	86 x 165 x 260	✓	✓	3,0	124,00 € 147,56 €
	Phoenix 12/500 VE.Direkt Schuko*	PIN121501200	86 x 172 x 275	✓	✓	3,9	154,00 € 183,26 €
	Phoenix 12/800 VE.Direkt Schuko*	PIN121801200	105 x 216 x 305	✓	✓	5,5	280,00 € 333,20 €
	Phoenix 12/1200 VE.Direkt Schuko*	PIN122120200	117 x 232 x 362	✓	✓	7,4	369,00 € 439,11 €
	Phoenix 12/1200 Schuko outlet*	PIN121220200	104 x 194 x 305	✓	✓	8,5	410,00 € 487,90 €
 IEC Schuko	Phoenix 24/250 VE.Direct Schuko*	PIN242510200	86 x 165 x 260	✓	✓	2,4	96,00 € 114,24 €
	Phoenix 24/375 VE.Direct Schuko*	PIN243750200	86 x 165 x 260	✓	✓	3,0	124,00 € 147,56 €
	Phoenix 24/500 VE.Direct Schuko*	PIN245010200	86 x 172 x 275	✓	✓	3,9	154,00 € 183,26 €
	Phoenix 24/800 VE.Direct Schuko*	PIN241800200	105 x 216 x 305	✓	✓	5,5	280,00 € 333,20 €
	Phoenix 24/1200 VE.Direct Schuko*	PIN242120200	117 x 232 x 327	✓	✓	7,4	369,00 € 439,11 €
 AU/NZ UK	Phoenix Inverter C 12/1200	CIN121220000	375 x 214 x 110	✓	✓	✓	10,0 633,00 € 753,27 €
	Phoenix Inverter C 12/1600	CIN121620000	375 x 214 x 110	✓	✓	✓	10,0 772,00 € 918,68 €
	Phoenix Inverter 12/1600 Smart	PIN122160000	485 x 219 x 125	✓	✓	✓	12,0 695,00 € 827,05 €
	Phoenix Inverter C 12/2000	CIN122020000	520 x 255 x 125	✓	✓	✓	13,0 872,00 € 1.037,68 €
	Phoenix Inverter 12/2000 Smart	PIN122200000	485 x 219 x 125	✓	✓	✓	13,0 785,00 € 934,15 €
	Phoenix Inverter 12/3000	PIN123020000	362 x 258 x 218	✓	✓	✓	18,0 1.236,00 € 1.470,84 €
 Phoenix Inverter C	Phoenix Inverter 12/3000 Smart	PIN122300000	540 x 276 x 152	✓	✓	✓	18,0 950,00 € 1.130,50 €
	Phoenix Inverter C 24/1200	CIN241220000	375 x 214 x 110	✓	✓	✓	10,0 633,00 € 753,27 €
	Phoenix Inverter C 24/1600	CIN241620000	375 x 214 x 110	✓	✓	✓	10,0 772,00 € 918,68 €
	Phoenix Inverter 24/1600 Smart	PIN242160000	485 x 219 x 125	✓	✓	✓	12,0 695,00 € 827,05 €
	Phoenix Inverter C 24/2000	CIN242020000	520 x 255 x 125	✓	✓	✓	13,0 872,00 € 1.037,68 €
	Phoenix Inverter 24/2000 Smart	PIN242200000	485 x 219 x 125	✓	✓	✓	13,0 785,00 € 934,15 €
	Phoenix Inverter 24/3000	PIN243020000	362 x 258 x 218	✓	✓	✓	18,0 1.236,00 € 1.470,84 €
	Phoenix Inverter 24/3000 Smart	PIN242300000	487 x 286 x 152	✓	✓	✓	18,0 950,00 € 1.130,50 €
	Phoenix Inverter 24/5000	PIN245020000	444 x 328 x 240	✓	✓	✓	28,0 1.945,00 € 2.314,55 €
	Phoenix Inverter 24/5000 Smart	PIN242500000	595 x 295 x 160	✓	★	✓	29,0 März 1.750,00 € 2.082,50 €
	Phoenix 48/250 VE.Direct Schuko*	PIN482510200	86 x 165 x 260	✓			2,4 112,00 € 133,28 €
	Phoenix 48/375 VE.Direct Schuko*	PIN483750200	86 x 165 x 260	✓			3,0 140,00 € 166,60 €
 Phoenix Inverter 48/5000	Phoenix 48/500 VE.Direct Schuko*	PIN485010100	86 x 172 x 275	✓			3,9 202,00 € 240,38 €
	Phoenix 48/800 VE.Direct Schuko*	PIN481800200	105 x 216 x 305	✓			5,5 300,00 € 357,00 €
	Phoenix 48/1200 VE.Direct Schuko*	PIN482120200	117 x 232 x 327	✓			8,5 440,00 € 523,60 €
	Phoenix Inverter 48/1600 Smart	PIN482160000	485 x 219 x 125	✓			12,0 695,00 € 827,05 €
	Phoenix Inverter 48/2000 Smart	PIN482200000	485 x 219 x 125	✓			13,0 785,00 € 934,15 €
	Phoenix Inverter 48/3000	PIN483020000	362 x 258 x 218	✓		✓	18,0 1.112,00 € 1.323,28 €
	Phoenix Inverter 48/3000 Smart	PIN482300000	487 x 286 x 152	✓			18,0 950,00 € 1.130,50 €
	Phoenix Inverter 48/5000	PIN485020000	444 x 328 x 240	✓		✓	28,0 1.575,00 € 1.874,25 €
	Phoenix Inverter 48/5000 Smart	PIN482500000	555 x 295 x 160	✓	★		28,0 März 1.575,00 € 1.874,25 €
	Inverter RS 48/6000 230V Smart Solar	PIN482601000	424 x 440 x 125	✓			11,0 2.070,00 € 2.463,30 €

* 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)

INVERTER/CHARGERS									
230VAC/50Hz Sinewave									
 Multiplus 12/1200/50-16	MultiPlus 12/500/20-16	CMP125010000	311 x 182 x 100	✓	✓	✓	4,4	410,00 €	487,90 €
	MultiPlus 12/800/35-16	PMP121800000	360 x 240 x 100	✓	✓	✓	6,4	509,00 €	605,71 €
	MultiPlus 12/1200/50-16	PMP122120000	406 x 250 x 100	✓	✓	✓	8,2	710,00 €	844,90 €
	MultiPlus 12/1600/70-16	PMP122160000	465 x 270 x 120	✓		✓	10,0	806,00 €	959,14 €
	MultiPlus C 12/800/35-16	CMP128010000	375 x 214 x 110	✓	✓	✓	10,0	736,00 €	875,84 €
	MultiPlus C 12/1200/50-16	CMP121220000	375 x 214 x 110	✓	✓	✓	10,0	921,00 €	1.095,99 €
	MultiPlus C 12/1600/70-16	CMP121620000	375 x 214 x 110	✓	✓	✓	10,0	942,00 €	1.120,98 €
	MultiPlus C 12/2000/80-30	CMP122020000	520 x 255 x 125	✓		✓	13,0	1.177,00 €	1.400,63 €
	MultiPlus 12/3000/120-16	PMP123020000	362 x 258 x 218	✓	✓	✓	18,0	1.454,00 €	1.730,26 €
	MultiPlus 12/3000/120-50	PMP123021010	362 x 258 x 218	✓	✓	✓	18,0	1.570,00 €	1.868,30 €
 Multiplus C	Quattro 12/3000/120-50/50	QUA123020010	362 x 258 x 218	✓	✓	✓	19,0	2.210,00 €	2.629,90 €
	Quattro 12/5000/220-100/100	QUA125020000	470 x 350 x 280	✓		✓	34,0	3.442,00 €	4.095,98 €
 Multiplus 24/3000/70-16	MultiPlus 24/500/10-16	CMP245010000	311 x 182 x 100	✓	✓	✓	4,4	410,00 €	487,90 €
	MultiPlus 24/800/16-16	PMP241800000	360 x 240 x 100	✓	✓	✓	6,4	509,00 €	605,71 €
	MultiPlus 24/1200/25-16	PMP242120000	406 x 250 x 100	✓	✓	✓	8,2	710,00 €	844,90 €
	MultiPlus 24/1600/40-16	PMP242160000	465 x 270 x 120	✓		✓	10,0	806,00 €	959,14 €
	MultiPlus C 24/800/16-16	CMP248010000	375 x 214 x 110	✓	✓	✓	10,0	736,00 €	875,84 €
	MultiPlus C 24/1200/25-16	CMP241220000	375 x 214 x 110	✓	✓	✓	10,0	921,00 €	1.095,99 €
	MultiPlus C 24/1600/40-16	CMP241620000	375 x 214 x 110	✓	✓	✓	10,0	942,00 €	1.120,98 €
	MultiPlus C 24/2000/50-30	CMP242200000	520 x 255 x 125	✓	✓	✓	13,0	1.177,00 €	1.400,63 €
	MultiPlus 24/3000/70-16	PMP243020001	362 x 258 x 218	✓	✓	✓	18,0	1.454,00 €	1.730,26 €
	MultiPlus 24/3000/70-50	PMP243021010	362 x 258 x 218	✓	✓	✓	18,0	1.570,00 €	1.868,30 €
	Multiplus-II 24/3000/70-35	PMP242305010	499 x 268 x 141	✓	★	✓	19,0	1.342,00 €	1.596,98 €
	MultiPlus 24/5000/120-100	PMP245021010	444 x 328 x 240	✓		✓	30,0	2.326,00 €	2.767,94 €
	Quattro 24/3000/70-50/50	QUA243020000	362 x 258 x 218	✓	✓	✓	19,0	2.100,00 €	2.499,00 €
	Quattro 24/5000/120-100/100	QUA245021010	444 x 328 x 240	✓		✓	30,0	2.878,00 €	3.424,82 €
	Quattro 24/8000/200-100/100	QUA248020010	470 x 350 x 280	✓		✓	41,0	3.632,00 €	4.322,08 €
 Multiplus-II 48/3000/35-32	MultiPlus 48/500/6-16	CMP485010000	311 x 182 x 100	✓		✓	4,4	432,00 €	514,08 €
	MultiPlus 48/800/8-16	PMP481800000	375 x 240 x 100	✓		✓	6,4	536,00 €	637,84 €
	MultiPlus 48/1200/13-16	PMP482120000	406 x 250 x 100	✓		✓	8,2	747,00 €	888,93 €
	MultiPlus 48/1600/20-16	PMP482160000	465 x 270 x 120	✓		✓	10,0	848,00 €	1.009,12 €
	MultiPlus 48/3000/35-16	PMP483020001	362 x 258 x 218	✓		✓	18,0	1.178,00 €	1.401,82 €
	MultiPlus-II 48/3000/35-32	PMP482305010	499 x 268 x 141	✓		✓	18,0	1.060,00 €	1.261,40 €
	MultiPlus-II 48/3000/35-32 GX	PMP482306000	499 x 268 x 141	✓			19,0	1.360,00 €	1.618,40 €
	MultiPlus-II 48/5000/70-50	PMP482505010	560 x 320 x 141	✓		✓	29,0	1.612,00 €	1.918,28 €
	MultiPlus-II 48/5000/70-50 GX	PMP482506000	560 x 320 x 141	✓		✓	29,0	2.001,00 €	2.381,19 €
	Current Transformer 100A:50mA for Multiplus-II 1m	CTR110000500		✓				45,00 €	53,55 €
	Current Transformer 100A:50mA for Multiplus-II 5m	CTR110000550		✓	★			45,00 €	53,55 €
	MultiPlus 48/3000/35-50	PMP483021010	362 x 258 x 218	✓		✓	18,0	1.208,00 €	1.437,52 €
	MultiPlus 48/5000/70-100	PMP485021010	444 x 328 x 240	✓		✓	30,0	1.791,00 €	2.131,29 €
	Quattro 48/5000/70-100/100	QUA485021010	444 x 328 x 240	✓		✓	30,0	2.330,00 €	2.772,70 €
	Quattro 48/5000/70-100/100-S	QUA485021011	500 x 328 x 240	✓		✓	31,0	2.330,00 €	2.772,70 €
Quattro 48/8000/110-100/100	QUA488024000	470 x 350 x 280	✓		✓	41,0	3.162,00 €	3.762,78 €	
Quattro 48/10000/140-100/100	QUA481030010	470 x 350 x 280	✓		✓	45,0	3.778,00 €	4.495,82 €	
Quattro 48/15000/200-100/100	QUA483150000	572 x 488 x 344	✓		✓	72,0	4.963,00 €	5.905,97 €	
 EasyPlus C 12/1600/70-16	EasyPlus C 12/1600/70-16	CEP121620000	510 x 214 x 110	✓		✓	11,0	972,00 €	1.156,68 €
INVERTER/CHARGERS OPTIMISED FOR SELF CONSUMPTION / HOME STORAGE									
 EasySolar 48/3000 MPPT 150/70	EasySolar 12/1600/70-16 MPPT 100/50	CEP121621000	745 x 214 x 110	✓		✓	12,0	1.380,00 €	1.642,20 €
	EasySolar 24/1600/40-16 MPPT 100/50	CEP241621010	745 x 214 x 110	✓		✓	12,0	1.380,00 €	1.642,20 €
	EasySolar 24/3000/70 MPPT 150/70 ColorControl	PMP243027010	810 x 258 x 218	✓		✓	28,0	2.025,00 €	2.409,75 €
	EasySolar-II 48/3000/35-32 MPPT 250/70 GX	PMP482307010	499 x 268 x 237	✓		✓	26,0	2.025,00 €	2.409,75 €
	EasySolar 48/5000/70-100 MPPT 150/100 Color Cont	PMP485027010	877 x 328 x 241	✓		✓	48,0	3.270,00 €	3.891,30 €
VE.BUS Smart Dongle		ASS030537010		✓				80,00 €	95,20 €



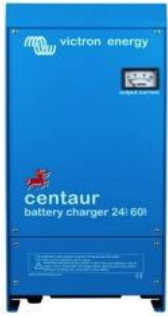
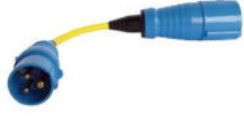
				kg		Netto	Brutto
INVERTERS 120VAC						ohne MwSt.	inkl. MwSt.
120VAC/60Hz Sinewave				hxwx d	< € e VE.	kg	
 Phoenix Inverter 12/800	Phoenix 12/250 VE.Direct NEMA 5-15R socket	PIN122510500	86 x 165 x 260	✓		2,4	96,00 € 114,24 €
	Phoenix 12/375 VE.Direct NEMA 5-15R socket	PIN123750500	86 x 165 x 260	✓		3,0	124,00 € 147,56 €
	Phoenix 12/500 VE.Direct NEMA 5-15R socket	PIN125010500	86 x 165 x 260	✓		3,9	154,00 € 183,26 €
	Phoenix 12/800 VE.Direct NEMA 5-15R socket	PIN121800500	105 x 216 x 305	✓		5,5	280,00 € 333,20 €
	Phoenix 12/800 VE.Direct NEMA GFCI	PIN121800510	105 x 216 x 305	✓	★	5,5	300,00 € 357,00 € März
 NEMA 5-15R	Phoenix 12/1200 VE.Direct NEMA 5-15R socket	PIN122120500	117 x 232 x 362	✓		8,5	369,00 € 439,11 €
	Phoenix 12/1200 NEMA GFCI	PIN122120510	104 x 194 x 305	✓	★	8,5	389,00 € 462,91 €
	Phoenix 12/1200 NEMA 5-15R socket	PIN121220500	104 x 194 x 305	✓		8,5	299,00 € 355,81 €
 Phoenix Inverter 12/3000	Phoenix 24/250 VE.Direct NEMA 5-15R socket	PIN242510500	86 x 165 x 260	✓		2,4	96,00 € 114,24 €
	Phoenix 24/375 VE.Direct NEMA 5-15R socket	PIN243750500	86 x 165 x 260	✓		3,0	124,00 € 147,56 €
	Phoenix 24/500 VE.Direct NEMA 5-15R socket	PIN245010500	86 x 165 x 260	✓		3,9	154,00 € 183,26 €
	Phoenix 24/800 VE.Direct NEMA 5-15R socket	PIN241800500	104 x 194 x 305	✓		5,5	280,00 € 333,20 €
	Phoenix 24/800 VE.Direct NEMA GFCI	PIN241800510	104 x 194 x 305	✓	★	5,5	300,00 € 357,00 € März
	Phoenix 24/1200 VE.Direct NEMA 5-15R socket	PIN242120500	117 x 232 x 327	✓		7,4	369,00 € 439,11 €
	Phoenix 24/1200 VE.Direct GFCI	PIN242120510	117 x 232 x 327	✓	★	7,4	389,00 € 462,91 €
	Phoenix 48/250 VE.Direct NEMA 5-15R socket	PIN482510500	86 x 165 x 260	✓		2,4	112,00 € 133,28 €
	Phoenix 48/375 VE.Direct NEMA 5-15R socket	PIN483750500	86 x 165 x 260	✓		3,0	140,00 € 166,60 €
	Phoenix 48/500 VE.Direct NEMA 5-15R socket	PIN485010500	86 x 165 x 260	✓		3,9	202,00 € 240,38 €
	Phoenix 48/800 VE.Direct NEMA 5-15R socket	PIN481800500	105 x 216 x 305	✓		5,5	300,00 € 357,00 €
	Phoenix 48/800 VE.Direct NEMA GFCI	PIN481800510	105 x 216 x 305	✓	★	5,5	320,00 € 380,80 € März
	Phoenix 48/1200 VE.Direct NEMA 5-15R socket	PIN482120500	117 x 232 x 327	✓		7,4	440,00 € 523,60 €
	Phoenix 48/1200 VE.Direct NEMA GFCI	PIN482120510	117 x 232 x 327	✓	★	7,4	460,00 € 547,40 €
	Phoenix Inverter 12/3000	PIN123020100	362 x 258 x 218	✓	✓	18,0	1.236,00 € 1.470,84 €
	Phoenix Inverter 24/3000	PIN243020100	362 x 258 x 218	✓	✓	18,0	1.236,00 € 1.470,84 €
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 € 1.400,63 €
	MultiPlus C 24/2000/50-50 120V	CMP242200100	520 x 255 x 125	✓	✓	13,0	1.177,00 € 1.400,63 €
	MultiPlus 12/3000/120-50 120V	PMP123021102	362 x 258 x 218	✓	✓	18,0	1.308,00 € 1.556,52 €
	MultiPlus 12/3000/120-50 120V (UL1741&458 certified)	PMP122301102	362 x 258 x 218	✓	✓	18,0	1.454,00 € 1.730,26 €
 Quattro	Quattro 12/5000/200-100/100 120V	QUA125021100	470 x 350 x 280	✓	✓	34,0	3.442,00 € 4.095,98 €
	MultiPlus 24/3000/70-50 120V	PMP243021102	362 x 258 x 218	✓	✓	18,0	1.308,00 € 1.556,52 €
	MultiPlus 24/3000/70-50 120V (UL1741&458 certified)	PMP242021102	362 x 258 x 218	✓	✓	18,0	1.454,00 € 1.730,26 €
	Multiplus-II 48/3000/35-32 120V	PMP482305100	536 x 275 x 147	✓	★	19,0	1.308,00 € 1.556,52 € Februar
	Quattro 24/5000/120-100/100 120V	QUA245023110	444 x 328 x 240	✓	✓	30,0	2.878,00 € 3.424,82 €
	Quattro 48/3000/35-50/50 120V	QUA483021100	362 x 258 x 218	✓	✓	18,0	1.890,00 € 2.249,10 €
	Quattro 48/5000/70-100/100 120V	QUA485021100	444 x 328 x 240	✓	✓	30,0	2.590,00 € 3.082,10 €
	Quattro 48/10000/140-100/100 120V VE.Bus	QUA483100100	572 x 488 x 344	✓	✓	58,0	3.977,00 € 4.732,63 €
	VE.Bus Smart Dongle	ASS030537010			✓		80,00 € 95,20 €
BLUE SMART BATTERY CHARGERS: IP 65 waterproof 120VAC							
 Blue Smart IP65 Charger	1 output, natural convection cooling. With NEMA 5-15R plug						
	Blue Smart IP65 Charger 12/5 + DC connector	BPC120531104R	47 x 95 x 190	✓		0,8	79,00 € 94,01 €
	Blue Smart IP65 Charger 12/7 + DC connector	BPC120731104R	47 x 95 x 190	✓		0,8	110,00 € 130,90 €
	Blue Smart IP65 Charger 12/10 + DC connector	BPC121031104R	60 x 105 x 190	✓		0,9	130,00 € 154,70 €
	Blue Smart IP65 Charger 12/15 + DC connector	BPC121531104R	60 x 105 x 190	✓		0,9	150,00 € 178,50 €
	Blue Smart IP65 Charger 24/5 + DC connector	BPC240831104R	47 x 95 x 190	✓		0,8	110,00 € 130,90 €
	Blue Smart IP65 Charger 24/8 + DC connector	BPC240831104R	60 x 105 x 190	✓		0,9	150,00 € 178,50 €
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 € 124,95 €
	Blue Smart IP67 Charger 12/13 (1)	BPC121315106	85 x 211 x 60	✓		1,8	124,00 € 147,56 €
	Blue Smart IP67 Charger 12/17 (1)	BPC121715106	99 x 219 x 65	✓		2,4	136,00 € 161,84 €
	Blue Smart IP67 Charger 12/25 (1)	BPC122547006	99 x 219 x 65	✓		2,4	177,00 € 210,63 €
	Blue Smart IP67 Charger 24/5 (1)	BPC240515106	85 x 211 x 60	✓		1,8	105,00 € 124,95 €
	Blue Smart IP67 Charger 24/8 (1)	BPC240815106	99 x 219 x 65	✓		2,4	136,00 € 161,84 €
	Blue Smart IP67 Charger 24/12 (1)	BPC241215106	99 x 219 x 65	✓		2,4	177,00 € 210,63 €
BATTERY CHARGERS IP22: 120VAC							
1 output or 3 outputs, fan assisted cooling. With NEMA 5-15P plug.							
 Blue Smart IP22 Charger	Blue Smart IP22 Charger 12/15 (1)	BPC121545102	235x108x65	✓	★	✓	1,4 133,00 € 158,27 €
	Blue Smart IP22 Charger 12/15 (3)	BPC121546102	235x108x65	✓	★	✓	1,4 152,00 € 180,88 €
	Blue Smart IP22 Charger 12/20 (1)	BPC122045102	235x108x65	✓	★	✓	1,4 159,00 € 189,21 €
	Blue Smart IP22 Charger 12/20 (3)	BPC122046102	235x108x65	✓	★	✓	1,4 180,00 € 214,20 €
	Blue Smart IP22 Charger 12/30 (1)	BPC123045102	235x108x65	✓	★	✓	1,4 190,00 € 226,10 €
	Blue Smart IP22 Charger 12/30 (3)	BPC123046102	235x108x65	✓	★	✓	1,4 216,00 € 257,04 €
	Blue Smart IP22 Charger 24/8 (1)	BPC240845102	235x108x65	✓	★	✓	1,4 133,00 € 158,27 €
	Blue Smart IP22 Charger 24/12 (1)	BPC241245102	235x108x65	✓	★	✓	1,4 163,00 € 193,97 €
	Blue Smart IP22 Charger 24/16 (1)	BPC241645102	235x108x65	✓	★	✓	1,4 195,00 € 232,05 €
	Blue Smart IP22 Charger 24/16 (3)	BPC241646102	235x108x65	✓	★	✓	1,4 221,00 € 262,99 €

2021-Q1



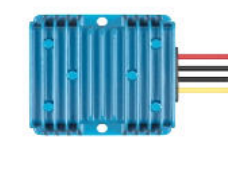
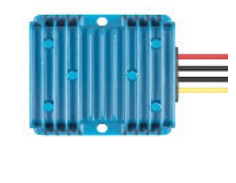
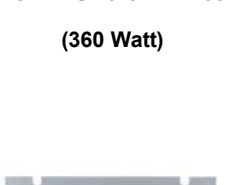
					kg	Netto	Brutto
BATTERY CHARGERS Microprocessor controlled						ohne MwSt.	inkl. MwSt.
			hwxwd	€	kg		
 Automotive IP65 Charger	180-265VAC/45-65Hz or 250-350VDC	IP65					
	1 output, natural convection cooling. With CEE 7/16 Plug (Europlug)						
	Automotive IP65 Charger 6V/12V-1,1A	BPC120180034R	42 x 61 x 185	✓	0,6	40,00 €	47,60 €
	(includes DC connector with clamps, eyelets and cigarette plug)						
 Blue Smart IP65 Charger	Automotive IP65 Charger 12V/4A-12V/1A	BPC120480034R	42 x 61 x 185	✓	0,6	47,00 €	55,93 €
	(includes DC connector with clamps, eyelets and cigarette plug)						
	180-265VAC/45-65Hz or 250-350VDC	IP65					
	1 output, natural convection cooling. With CEE 7/7 Plug (Schuko).						
 Cigarette plug	(includes DC connector with clamps and M8 eyelets)						
 Clamp connector	Blue Smart IP65s Charger 12/4 + DC connector	BPC120433064R	45 x 81 x 182	✓	0,6	75,00 €	89,25 €
	Blue Smart IP65s Charger 12/5 + DC connector	BPC120533064R	45 x 81 x 182	✓	0,6	79,00 €	94,01 €
	Blue Smart IP65 Charger 12/7 + DC connector	BPC120731064R	47 x 95 x 190	✓	0,8	110,00 €	130,90 €
	Blue Smart IP65 Charger 12/10 + DC connector	BPC121031064R	60 x 105 x 190	✓	0,9	130,00 €	154,70 €
 Battery Indicator M8	Blue Smart IP65 Charger 12/15 + DC connector	BPC121531064R	60 x 105 x 190	✓	0,9	150,00 €	178,50 €
	Blue Smart IP65 Charger 12/25 + DC connector	BPC122531064	75 x 140 x 240	✓	1,9	200,00 €	238,00 €
	Blue Smart IP65 Charger 24/5 + DC connector	BPC240531064R	47 x 95 x 190	✓	0,8	110,00 €	130,90 €
	Blue Smart IP65 Charger 24/8 + DC connector	BPC240831064R	60 x 105 x 190	✓	0,9	150,00 €	178,50 €
 Carry Case for Blue Smart IP65 Chargers and acces	Blue Smart IP65 Charger 24/13 + DC connector	BPC241331064	75 x 140 x 240	✓	1,9	200,00 €	238,00 €
	Accessories for the the Blue Power IP65 Charger						
	M6 eyelet connector (with 30A ATO fuse)	BPC900100014		✓		6,00 €	7,14 €
	M8 eyelet connector (with 30A ATO fuse)	BPC900110014		✓		6,00 €	7,14 €
 MagCode Power Clip 12V (max. 15A)	MagCode Power Clip 12V (max. 15A)	BPC900500014		✓		40,00 €	47,60 €
	MagCode Power Port 12V (max. 15A)	BPC900520014		✓		40,00 €	47,60 €
	2 meter extension cable	BPC900200014		✓		8,00 €	9,52 €
	12 Volt plug (cigarette plug)	BPC900300014		✓		13,00 €	15,47 €
 Rubber bumper for IP65 Charger 12/10, 12/15, 24/8	Clamp connector (with 30A ATO fuse)	BPC900400014		✓		12,00 €	14,28 €
	Battery Indicator Panel (M8 eyelet connector / 30A	BPC900110114		✓		21,00 €	24,99 €
	Battery Indicator Eyelet (M8 eyelet / 30A ATO fuse)	BPC900120114		✓		13,00 €	15,47 €
	Wall Mount for IP65 Charger 12/10, 12/15, 24/8	BPC920100200		✓		5,00 €	5,95 €
 Carry Case for Blue Smart IP22 Charger	Rubber bumper for IP65 Charger 12/10, 12/15, 24/8	BPC920100100		✓		6,00 €	7,14 €
	Wall Mount for IP65 Charger 12/10, 12/15, 24/8	BPC920100200		✓		5,00 €	5,95 €
	Carry Case for Blue Smart IP65 Chargers and acces	BPC940100100	105 x 350 x 300	✓	0,9	24,00 €	28,56 €
180-265VAC/45-65Hz or 250-350VDC							
1 output or 3 outputs, fan assisted cooling. With CEE 7/7 Plug (Schuko)							
 Blue Smart IP22 Charger	Blue Smart IP22 Charger 12/15 (1)	BPC121542002	235 x 108 x 65	✓	1,4	133,00 €	158,27 €
	Blue Smart IP22 Charger 12/15 (3)	BPC121544002	235 x 108 x 65	✓	1,4	152,00 €	180,88 €
	Blue Smart IP22 Charger 12/20 (1)	BPC122042002	235 x 108 x 65	✓	1,4	159,00 €	189,21 €
	Blue Smart IP22 Charger 12/20 (3)	BPC122044002	235 x 108 x 65	✓	1,4	180,00 €	214,20 €
 Blue Smart IP67 Charger	Blue Smart IP22 Charger 12/30 (1)	BPC123042002	235 x 108 x 65	✓	1,4	190,00 €	226,10 €
	Blue Smart IP22 Charger 12/30 (3)	BPC123044002	235 x 108 x 65	✓	1,4	216,00 €	257,04 €
	Blue Smart IP22 Charger 24/8 (1)	BPC240842002	235 x 108 x 65	✓	1,4	133,00 €	158,27 €
	Blue Smart IP22 Charger 24/12 (1)	BPC241242002	235 x 108 x 65	✓	1,4	163,00 €	193,97 €
 Blue Smart IP67 Charger	Blue Smart IP22 Charger 24/16 (1)	BPC241642002	235 x 108 x 65	✓	1,4	195,00 €	232,05 €
	Blue Smart IP22 Charger 24/16 (3)	BPC241644002	235 x 108 x 65	✓	1,4	221,00 €	262,99 €
BATTERY CHARGERS: IP65 / IP67							
180-265VAC/45-65Hz							
1 output. With CEE 7/7 Plug (Schuko)							
 Blue Smart IP67 Charger	Blue Smart IP67 Charger 12/7 (1)	BPC120713006	85 x 211 x 60	✓	1,8	105,00 €	124,95 €
	Blue Smart IP67 Charger 12/13 (1)	BPC121313006	85 x 211 x 60	✓	1,8	124,00 €	147,56 €
	Blue Smart IP67 Charger 12/17 (1)	BPC121713006	99 x 219 x 65	✓	2,4	136,00 €	161,84 €
	Blue Smart IP67 Charger 12/25 (1)	BPC122547006	99 x 219 x 65	✓	2,4	177,00 €	210,63 €
 Blue Smart IP67 Charger	Blue Smart IP67 Charger 12/25 (1+Si)	BPC122514006	99 x 219 x 65	✓	2,4	206,00 €	245,14 €
	Blue Smart IP67 Charger 24/5 (1)	BPC240513006	85 x 211 x 60	✓	1,8	105,00 €	124,95 €
	Blue Smart IP67 Charger 24/8 (1)	BPC240813006	99 x 219 x 65	✓	2,4	136,00 €	161,84 €
	Blue Smart IP67 Charger 24/12 (1)	BPC241213006	99 x 219 x 65	✓	2,4	177,00 €	210,63 €
 Blue Smart IP67 Charger	Blue Smart IP67 Charger 24/12 (1+Si)	BPC241214006	99 x 219 x 65	✓	2,4	206,00 €	245,14 €
See appendix for avibility of models with UK or AU/NZ plug							
200-265V AC/65-65Hz or 250-350VDC							
Phoenix Smart IP43 Charger 12/30 (1+1)							
 Phoenix Smart IP43 Charger 12/50 (3)	Phoenix Smart IP43 Charger 12/30 (3)	PSC123053085	180 x 249 x 100	✓	3,5	380,00 €	452,20 €
	Phoenix Smart IP43 Charger 12/50 (1+1)	PSC125051085	180 x 249 x 100	✓	3,5	409,00 €	486,71 €
	Phoenix Smart IP43 Charger 12/50 (3)	PSC125053085	180 x 249 x 100	✓	3,5	485,00 €	577,15 €
	Phoenix Smart IP43 Charger 24/16 (1+1)	PSC241651085	180 x 249 x 100	✓	3,5	513,00 €	610,47 €
 Phoenix Smart IP43 Charger 12/50 (3)	Phoenix Smart IP43 Charger 24/16 (3)	PSC241653085	180 x 249 x 100	✓	3,5	380,00 €	452,20 €
	Phoenix Smart IP43 Charger 24/25 (1+1)	PSC242551085	180 x 249 x 100	✓	3,5	409,00 €	486,71 €
	Phoenix Smart IP43 Charger 24/25 (3)	PSC242553085	180 x 249 x 100	✓	3,5	485,00 €	577,15 €
	Mains Cord CEE 7/7 for Smart IP43 Charger 2m	ADA010100100		✓		10,00 €	11,90 €
 Phoenix Smart IP43 Charger 12/50 (3)	Mains Cord UK for Smart IP43 Charger 2m	ADA010100200		✓		10,00 €	11,90 €
	Mains Cord AU/NZ for Smart IP43 Charger 2m	ADA010100300		✓		10,00 €	11,90 €
	Mains Cord NEMA 6-15P for Smart IP43 2m	ADA010100500		✓		10,00 €	11,90 €



					kg	Netto	Brutto
BATTERY CHARGERS: analog control						ohne MwSt.	inkl. MwSt.
Universal input 90-265VAC/45-65Hz, or 90-400VDC					hwxwd	€	
3x full current output					e	kg	
	Centaur Charger 12/20 (3)	CCH012020000	355 x 215 x 110	✓		3,8	360,00 €
	Centaur Charger 12/30 (3)	CCH012030000	355 x 215 x 110	✓		3,8	400,00 €
	Centaur Charger 12/40 (3)	CCH012040000	426 x 239 x 135	✓		5,0	490,00 €
	Centaur Charger 12/50 (3)	CCH012050000	426 x 239 x 135	✓		5,0	510,00 €
	Centaur Charger 12/60 (3)	CCH012060000	426 x 239 x 135	✓		5,0	530,00 €
	Centaur Charger 12/80 (3)	CCH012080000	505 x 255 x 130	✓		12,0	880,00 €
	Centaur Charger 12/100 (3)	CCH012100000	505 x 255 x 130	✓		12,0	1.075,00 €
	Centaur Charger 24/16 (3)	CCH024016000	355 x 215 x 110	✓		3,8	442,00 €
	Centaur Charger 24/30 (3)	CCH024030000	426 x 239 x 135	✓		5,0	618,00 €
	Centaur Charger 24/40 (3)	CCH024040000	505 x 255 x 130	✓		12,0	808,00 €
	Centaur Charger 24/60 (3)	CCH024060000	505 x 255 x 130	✓		12,0	924,00 €
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 €
	Phoenix Charger 12/50 (2+1) 120-240V	PCH012050001	350 x 200 x 108	✓		3,8	647,00 €
	Phoenix Charger 24/16 (2+1) 120-240V	PCH024016001	350 x 200 x 108	✓		3,8	484,00 €
	Phoenix Charger 24/25 (2+1) 120-240V	PCH024025001	350 x 200 x 108	✓		3,8	647,00 €
BATTERY CHARGERS: microprocessor control							
230VAC and 400VAC/45-65Hz, or 180-400VDC							
1x full current output + 1x 4A output							
	Skylla IP65 12/70 (1+1) 120-240VAC	SKY120700000	401 x 300 x 165	✓ ★		6,0	790,00 €
	Skylla IP65 12/70 (3) 120-240VAC	SKY012070100	401 x 300 x 165	✓ ★		6,0	870,00 €
	Skylla IP65 24/35 (1+1) 120-240VAC	SKY024035000	401 x 300 x 165	✓ ★		6,0	790,00 €
	Skylla IP65 24/35 (3) 120-240VAC	SKY0240350100	401 x 300 x 165	✓ ★		6,0	870,00 €
	Skylla-TG 24/30 (1+1)	SDTG2400301	365 x 250 x 147	✓		5,5	707,00 €
	Skylla-TG 24/50 (1+1)	SDTG2400501	365 x 250 x 147	✓		5,5	765,00 €
	Skylla-TG 24/80 (1+1)	SDTG2400801	365 x 250 x 257	✓		10,0	1.254,00 €
	Skylla-TG 24/100 (1+1)	SDTG2401001	365 x 250 x 257	✓		10,0	1.514,00 €
	Skylla-TG 24/50 3-phase (1+1)	STG024050300	365 x 250 x 257	✓		13,0	1.389,00 €
	Skylla-TG 24/100 3-phase (1+1)	STG024100300	515 x 260 x 265	✓		23,0	2.221,00 €
	Skylla-TG 24/30 (1+1) 120-240VAC	SDTG2400303	365 x 250 x 147	✓ GL**		5,5	863,00 €
	Skylla-TG 24/50 (1+1) 120-240VAC	SDTG2400503	365 x 250 x 147	✓ GL**		5,5	934,00 €
	Skylla-TG 24/100 (1+1) 120-240VAC	SDTG2401003	365 x 250 x 257	✓ GL**		10,0	1.846,00 €
	Skylla-TG 24/30 GMDSS 120-240VAC excl. panel	SDTG2400302	365 x 250 x 147	✓		6,0	1.081,00 €
	Skylla-TG 24/50 GMDSS 120-240VAC excl. panel	SDTG2400504	365 x 250 x 147	✓		6,0	1.358,00 €
	Skylla-TG 48/25 (1+1)	SDTG4800251	365 x 250 x 147	✓		5,5	918,00 €
	Skylla-TG 48/50 (1+1)	SDTG4800501	365 x 250 x 257	✓		10,0	1.632,00 €
	Skylla-i 24/80 (1+1)	SKI024080000	402 x 250 x 140	✓		8,0	1.200,00 €
	Skylla-i 24/80 (3)	SKI024080002	402 x 250 x 140	✓		8,0	1.400,00 €
	Skylla-i 24/100 (1+1)	SKI024100000	402 x 250 x 140	✓		8,0	1.450,00 €
	Skylla-i 24/100 (3)	SKI024100002	402 x 250 x 140	✓		8,0	1.700,00 €
	Skylla-i remote on-off cable	ASS030550400		✓			35,00 €
					**Germanischer Lloyd approval. Category C, EMC 1		
SHORE CABLES							
					hwxwd	€	
					e	kg	
Shore Power Cords with Shore Power Organiser Bag							
	Shore Power Cord 15m 16A	SHP302501500		✓			150,00 €
	Shore Power Cord 25m 16A	SHP302502500		✓			204,00 €
	Shore Power Cord 15m 25A	SHP304001500		✓			193,00 €
	Shore Power Cord 25m 32A	SHP306002500		✓			377,00 €
	Power Inlet 16A polyamid with cover	SHP301603000 (R)		✓			58,00 €
	Power Inlet 16A stainless steel with cover	SHP301602000 (R)		✓			84,00 €
	Power Inlet 32A stainless steel with cover	SHP303202000		✓			111,00 €
	Plug 16A/250Vac (2p/3w) for Power Inlet 16A	SHP301604000		✓			67,00 €
	Plug 32A/250Vac (2p/3w) for Power Inlet 32A	SHP303204000		✓			91,00 €
	Adapter Cord 16A/250V Schuko/CEE	SHP307700220		✓			21,00 €
	Adapter Cord 16A/250V CEE/Schuko	SHP307700260		✓			20,00 €
	Splitter Cord 16A/250V CEE/2xC EE	SHP307700240		✓			68,00 €
	Adapter Cord 16A to 32A/250V CEE/CEE	SHP307700280		✓			30,00 €
	Adapter Cord 32A 3 phase to single phase	SHP307700300		✓			41,00 €
	Adapter Cord SHP307700260	Splitter Cord SHP307700240					
					Adapter Cord SHP307700280	Adapter Cord SHP307700300	

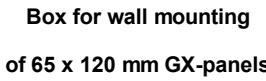
2021-Q1

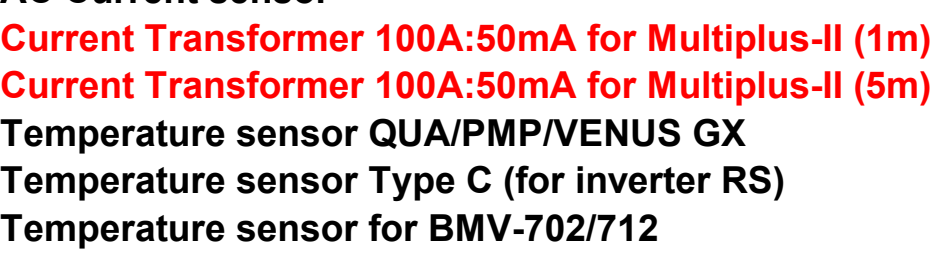
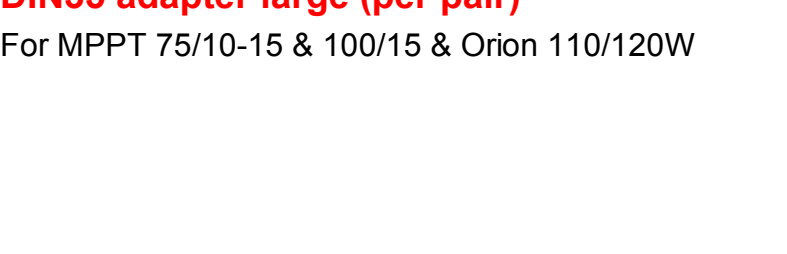


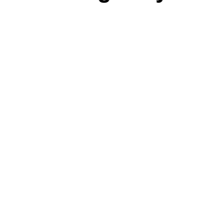
ISOLATION TRANSFORMERS / AUTOTRANSFORMER / GALVANIC ISOLATOR						ohne MwSt.	inkl. MwSt.
			hxwxd	€	kg		
	Isolation Trans. 2000W 115/230V	ITR040202041	375 x 214 x 110	✓	10,0	494,00 €	587,86 €
	Isolation Trans. 3600W 115/230V	ITR040362041	362 x 258 x 218	✓	23,0	697,00 €	829,43 €
	Isolation Trans. 7000W 230V	ITR000702001	362 x 258 x 218	✓	26,0	907,00 €	1.079,33 €
	Isolation Trans. 3600W Auto 115/230V with automatic inputvoltage detection	ITR050362041	362 x 258 x 218	✓	23,0	785,00 €	934,15 €
	Autotransformer 120/240VAC-32A	ITR000100000	375 x 214 x 110	✓	10,0	561,00 €	667,59 €
	Autotransformer 120/240VAC-100A The ultimate solution for split phase installations	ITR000100101	425 x 214 x 110	✓	13,5	679,00 €	808,01 €
	Galvanic Isolator VDI-16	GDI000016000	60 x 120 x 200	✓	1,0	102,00 €	121,38 €
	Galvanic Isolator VDI-32	GDI000032000	63 x 164 x 235	✓	2,0	209,00 €	248,71 €
	Galvanic Isolator VDI-64	GDI000064000	64 x 164 x 224	✓	2,0	266,00 €	316,54 €
DC-DC CONVERTERS							
	Not isolated, resin encapsulated						
	Orion IP67 24/12-5 (60W)	ORI241205060	25 x 43 x 20	✓	0,1	24,00 €	28,56 €
	Orion IP67 24/12-10 (120W)	ORI241210260	74 x 74 x 32	✓	0,4	40,00 €	47,60 €
	Orion IP67 24/12-20 (240W)	ORI241220060	74 x 74 x 32	✓	0,5	52,00 €	61,88 €
	Orion IP67 12/24-50 (1200W)	ORI12241226	340 x 127 x 63	✓	3,1	300,00 €	357,00 €
	Orion IP67 24/12-100 (1200W)	ORI241221226	265 x 127 x 63	✓	2,2	250,00 €	297,50 €
	Not isolated						
	Orion-Tr 24/12-5 (60W)	ORI241205200R	53 x 51 x 27	✓	0,1	18,00 €	21,42 €
	Orion-Tr 24/12-10 (120W)	ORI241210200R	73 x 94 x 37	✓	0,2	36,00 €	42,84 €
	Orion-Tr 24/12-15 (180W)	ORI241215200R	73 x 94 x 45	✓	0,3	41,00 €	48,79 €
	Orion-Tr 24/12-20 (240W)	ORI241220200R	73 x 94 x 45	✓	0,3	46,00 €	54,74 €
	Orion 24/12-25	ORI241225020	65 x 88 x 160	✓	0,7	72,00 €	85,68 €
	Orion 24/12-40	ORI241240021	65 x 88 x 185	✓	0,9	102,00 €	121,38 €
	Orion 24/12-70	ORI241270020	65 x 88 x 195	✓	0,9	144,00 €	171,36 €
	Orion 24/12-70 with binding posts	ORI241270030	65 x 88 x 195	✓	0,9	144,00 €	171,36 €
	Orion 12/24-8	ORI122408020	45 x 90 x 115	✓	0,3	59,00 €	70,21 €
	Orion 12/24-10	ORI122410020	45 x 90 x 125	✓	0,4	72,00 €	85,68 €
	Orion 12/24-20	ORI122420020	65 x 88 x 195	✓	0,9	162,00 €	192,78 €
	25A Buck-Boost DC/DC converter	ORI303025000	165 x 120 x 30	✓	0,9	536,00 €	637,84 €
	50A Buck-Boost DC/DC converter	ORI303050000	213 x 120 x 30	✓	1,1	665,00 €	791,35 €
	100A Buck-Boost DC/DC converter	ORI303100000	288 x 165 x 50	✓	4,0	1.164,00 €	1.385,16 €
	CAN-bus Temp. Sensor for Buck-Boost DC/DC conv.	ASS000200100		★		130,00 €	154,70 €
	Orion-Tr Smart 12/12-30A DC-DC charger	ORI121236140	130 x 186 x 80	✓	1,8	224,00 €	266,56 €
	Orion-Tr Smart 12/24-15A (360W) DC-DC charger	ORI122436140	130 x 186 x 80	✓	1,8	224,00 €	266,56 €
	Orion-Tr Smart 24/12-30A (360W) DC-DC charger	ORI241236140	130 x 186 x 80	✓	1,8	224,00 €	266,56 €
	Orion-Tr Smart 24/24-17A (400W) DC-DC charger	ORI242440140	130 x 186 x 70	✓	1,6	224,00 €	266,56 €
	With galvanic isolation						
	Orion-Tr 12/12-9A (110W)	ORI121210110R	100 x 113 x 47	✓	0,6	66,00 €	78,54 €
	Orion-Tr 12/12-18A (220W)	ORI121222110	130 x 186 x 70	✓	1,3	119,00 €	141,61 €
	Orion-Tr 12/12-30A (360W)	ORI121240110	130 x 186 x 80	✓	1,8	220,00 €	261,80 €
	Orion-Tr 12/24-5A (120W)	ORI121240110	100 x 113 x 47	✓	0,6	66,00 €	78,54 €
	Orion-Tr 12/24-10A (240W)	ORI122424110	130 x 186 x 70	✓	1,3	119,00 €	141,61 €
	Orion-Tr 12/24-15A (360W)	ORI122441110	130 x 186 x 80	✓	1,8	220,00 €	261,80 €
	Orion-Tr Smart 12/12-18A (220W) DC-DC charger	ORI121222120	130 x 186 x 70	✓	1,3	167,00 €	198,73 €
	Orion-Tr Smart 12/12-30A (360W) DC-DC charger	ORI121236120	130 x 186 x 80	✓	1,8	268,00 €	318,92 €
	Orion-Tr Smart 12/24-10A (240W) DC-DC charger	ORI122424120	130 x 186 x 70	✓	1,3	167,00 €	198,73 €
	Orion-Tr Smart 12/24-15A (360W) DC-DC charger	ORI122436120	130 x 186 x 80	✓	1,8	268,00 €	318,92 €
	Orion-Tr Isolated DC-DC Charger remote cable	ASS070300100		★		20,00 €	23,80 €
	Orion-Tr 24/12-9A (110W)	ORI241210110R	100 x 113 x 47	✓	0,6	66,00 €	78,54 €
	Orion-Tr 24/12-20A (240W)	ORI241224110	130 x 186 x 70	✓	1,3	119,00 €	141,61 €
	Orion-Tr 24/12-30A (360W)	ORI241240110	130 x 186 x 70	✓	1,8	220,00 €	261,80 €
	Orion-Tr 24/24-5A (120W)	ORI242410110R	100 x 113 x 47	✓	0,6	66,00 €	78,54 €
	Orion-Tr 24/24-12A (280W)	ORI242428110	130 x 186 x 70	✓	1,3	119,00 €	141,61 €
	Orion-Tr 24/24-17A (400W)	ORI242441110	130 x 186 x 70	✓	1,6	220,00 €	261,80 €
	Orion-Tr 24/48-2,5A (120W)	ORI244810110	100 x 113 x 47	✓	0,6	66,00 €	78,54 €
	Orion-Tr 24/48-6A (280W)	ORI244828110	130 x 186 x 70	✓	1,3	119,00 €	141,61 €
	Orion-Tr 24/48-8,5A (400W)	ORI244841110	130 x 186 x 70	✓	1,6	220,00 €	261,80 €
	Orion-Tr Smart 24/12-20A (240W) DC-DC charger	ORI241224120	130 x 186 x 70	✓	1,3	167,00 €	198,73 €
	Orion-Tr Smart 24/12-30A (360W) DC-DC charger	ORI241236120	130 x 186 x 80	✓	1,8	268,00 €	318,92 €
	Orion-Tr Smart 24/24-12A (280W) DC-DC charger	ORI242428120	130 x 186 x 70	✓	1,3	167,00 €	198,73 €
	Orion-Tr Smart 24/24-17A (400W) DC-DC charger	ORI242440120	130 x 186 x 70	✓	1,6	268,00 €	318,92 €
	Orion-Tr 48/12-9A (110W)	ORI481210110	100 x 113 x 47	✓	0,6	66,00 €	78,54 €
	Orion-Tr 48/12-20A (240W)	ORI481224110	130 x 186 x 70	✓	1,3	119,00 €	141,61 €
	Orion-Tr 48/12-30A (360W)	ORI481240110	130 x 186 x 80	✓	1,8	220,00 €	261,80 €
	Orion-Tr 48/24-5A (120W)	ORI482410110	100 x 113 x 47	✓	0,6	66,00 €	78,54 €
	Orion-Tr 48/24-12A (280W)	ORI482428110	130 x 186 x 70	✓	1,3	119,00 €	141,61 €
	Orion-Tr 48/24-16A (380W)	ORI482441110	130 x 186 x 70	✓	1,6	220,00 €	261,80 €
	Orion-Tr 48/48-2,5A (120W)	ORI484810110	100 x 113 x 47	✓	6,0	66,00 €	78,54 €
	Orion-Tr 48/48-6A (280W)	ORI484828110	130 x 186 x 70	✓	1,3	119,00 €	141,61 €
	Orion-Tr 48/48-8A (380W)	ORI484841110	130 x 186 x 70	✓	1,6	220,00 €	261,80 €
	Orion 110/12-30A (360W)	ORI110123610	64 x 163 x 160	✓	1,4	362,00 €	430,78 €
	Orion 110/24-15A (360W)	ORI110243610	64 x 163 x 160	✓	1,4	362,00 €	430,78 €



AUTOMATIC TRANSFER SWITCHES						kg	Netto	Brutto
							ohne MwSt.	inkl. MwSt.
 <								

2021-Q1						kg	Netto	Brutto
GX Products				hwxwd	€	e	ohne MwSt.	inkl. MwSt.
	Cerbo GX	BPP900450100			✓		300,00 €	357,00 €
	GX Touch 50	BPP900455050			✓		225,00 €	267,75 €
	GX Touch 50 adapter for CCGX cut-out	BPP900460050			✓	★	25,00 €	29,75 €
	GX Touch 50 Wall Mount	BPP900465050			✓	★	15,00 €	17,85 €
	Color Control GX	BPP000300100R	130 x 120 x 40	✓			526,00 €	625,94 €
	Graphical User Interface							
	Ethernet (standard) and Wifi (optional) for remote monitoring and control							
	Data storage and graphical display on vrm.victronenergy.com							
	Venus GX System controller	BPP900400100	142 x 69 x 45	✓	€		300,00 €	357,00 €
	Octo GX	BPP910200100	61 x 108 x 95	✓			311,00 €	370,09 €
	Maxi GX	BPP900410200	600 x 44 x 23	✓		17,0	1.097,00 €	1.305,43 €
	CANvu GX	BPP900700100		✓			713,00 €	848,47 €
	CANvu GX IO Extender and wiring kit	BPP900800100		✓			171,00 €	203,49 €
	Temerture sensor VENUS/PMP/Quattro	ASS000001000		✓			25,00 €	29,75 €
	CCGX WiFi module simple)	BPP900100200		✓			23,00 €	27,37 €
	(Zyxel NWD2105)							
	CCGX WiFi module long range	BPP900200200		✓			80,00 €	95,20 €
	(Startech USB300WN2X2D)							
VE.Net				hwxwd				
	VE.Net Tank Monitor (Resistive)	VRS000100010	105 x 75 x 22	✓			136,00 €	161,84 €
	VE.Can resistive tank sender adapter	BPP900600100	48 x 109 x 25	✓			391,00 €	465,29 €
	VE.Can Power Cable for BPP900600100	ASS030690000		✓			40,00 €	47,60 €
								
REMOTE PANELS								
	Digital Multi Control 200/200A	REC020005010	65 x 120 x 40	✓			150,00 €	178,50 €
	Digital Multi Control 200/200A GX (90° RJ45)	DMC000200010R	65 x 120 x 40	✓			133,00 €	158,27 €
	Above panels can be used with all Multi(Plus) and Quattro inverter/chargers							
	Phoenix Inverter Control	REC030001210	65 x 60 x 40	✓			85,00 €	101,15 €
	Phoenix Charger Control	REC010001110	65 x 120 x 40	✓			90,00 €	107,10 €
	Phoenix Inverter Control VE.Direct	REC040010210R	65 x 60 x 40	✓			25,00 €	29,75 €
	Skylia-i Control GX (90° RJ45)	REC000300000R	65 x 120 x 40	✓			133,00 €	158,27 €
	Charger Switch	SDRPCSV	65 x 60 x 40	✓			110,00 €	130,90 €
	Skylia Control	SDRPSKC	65 x 120 x 40	✓			150,00 €	178,50 €
	Battery Alarm GX	BPA000100010R	65 x 120 x 40	✓			70,00 €	83,30 €
	GX GSM 900/2100 (dc supply voltage range: 10-70V)	GSM100100100	43 x 106 x 23	✓			250,00 €	297,50 €
	GX GSM 850/1900 (dc supply voltage range: 10-70V)	GSM100200100	43 x 106 x 23	✓			250,00 €	297,50 €
	(small 2G and 3G GSM antenna included)							
	GX LTE 4G-E (EMEA/Korea/Thailand)	GSM100100400		✓	★		250,00 €	297,50 €
	GX LTE 4G-A (Nordamerika)	GSM100200400		✓	★		250,00 €	297,50 €
	GX LTE 4G-SA (Australien/Neuseeland/Südamerika)	GSM100300400		✓	★		250,00 €	297,50 €
	(small 2/3/4G antenna included)							
	Outdoor 2G and 3G GSM Antenna for GX GSM	GSM900100100		✓			40,00 €	47,60 €
	Outdoor 4G GSM Antenna	GSM900100400		✓	★	März	40,00 €	47,60 €
	Active GPS Antenna for GX GSM	GSM900200100		✓			40,00 €	47,60 €
	(both with 3m cable)							
	GlobalLink 520 (incl. 5 year activated simcard)	ASS030543020	23 x 123 x 66	✓	★	Februar	350,00 €	416,50 €
	VE.Direct LoRaWAN EU863-870 module	ASS030538010		✓			90,00 €	107,10 €
	VE.Direct LoRaWAN US902-928 module	ASS030540010		✓			90,00 €	107,10 €
	VE.Direct LoRaWAN AU902-928 module	ASS030542010		✓			90,00 €	107,10 €
	wall mount enclosure for 65 x 120 mm GX-panels	ASS050300010	80 x 150 x 50	✓			26,00 €	30,94 €
	with 90 degr. RJ45 socket only:							
	- BPA000100000R - Battery Alarm GX							
	- REC000300000R - Skylia-i Control GX (90° RJ45)							
	Wall mount enclosure for Color Control GX	ASS050400000	165 x 135 x 65	✓			40,00 €	47,60 €
	Wall mount enclosure for BMV or MPPT Control	ASS050500000	130 x 85 x 45	✓			27,00 €	32,13 €
	Wall mount enclosure for Color Control GX and	ASS050600000	245 x 135 x 65	✓			50,00 €	59,50 €
	USB extension cable 0,3m one side right angle	ASS060000100		✓			8,00 €	9,52 €
	for Color Control in wall mount enclousur							
	BMV or MPPT Control							

DATA CABLES and INTERFACES				Netto ohne MwSt.	Brutto 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 €	9,52 €
	RJ12 UTP Cable 0,9 m	ASS030066009	✓	8,00 €	9,52 €
	RJ12 UTP Cable 1,8 m	ASS030066018	✓	8,00 €	9,52 €
	RJ12 UTP Cable 3 m	ASS030066030	✓	10,00 €	11,90 €
	RJ12 UTP Cable 5 m	ASS030066050	✓	12,00 €	14,28 €
	RJ12 UTP Cable 10 m	ASS030066100	✓	15,00 €	17,85 €
	RJ12 UTP Cable 15 m	ASS030066150	✓	18,00 €	21,42 €
	RJ12 UTP Cable 30 m	ASS030066300	✓	30,00 €	35,70 €
		cable-color=grey			
	Network cables for VE.Can, VE.Bus, VE.Net and VE9bitRS485				
	RJ45 UTP Cable 0,3 m	ASS030064900	✓	8,00 €	9,52 €
	RJ45 UTP Cable 0,9 m	ASS030064920	✓	8,00 €	9,52 €
	RJ45 UTP Cable 1,8 m	ASS030064950	✓	10,00 €	11,90 €
	RJ45 UTP Cable 3 m	ASS030064980	✓	12,00 €	14,28 €
	RJ45 UTP Cable 5 m	ASS030065000	✓	15,00 €	17,85 €
	RJ45 UTP Cable 10 m	ASS030065010	✓	18,00 €	21,42 €
	RJ45 UTP Cable 15 m	ASS030065020	✓	25,00 €	29,75 €
	RJ45 UTP Cable 20 m	ASS030065030	✓	30,00 €	35,70 €
	RJ45 UTP Cable 30 m	ASS030065050	✓	35,00 €	41,65 €
		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 €	17,85 €
	VE.Direct Cable 0,9m	ASS030530209	✓	15,00 €	17,85 €
	VE.Direct Cable 1,8m	ASS030530218	✓	15,00 €	17,85 €
	VE.Direct Cable 3m	ASS030530230	✓	17,00 €	20,23 €
	VE.Direct Cable 5m	ASS030530250	✓	19,00 €	22,61 €
	VE.Direct Cable 10m	ASS030530310	✓	23,00 €	27,37 €
	VE.Direct Cable 0,3m (one side Right Angle conn)	ASS030531203	✓	15,00 €	17,85 €
	VE.Direct Cable 0,9m (one side Right Angle conn)	ASS030531209	✓	15,00 €	17,85 €
	VE.Direct Cable 1,8m (one side Right Angle conn)	ASS030531218	✓	15,00 €	17,85 €
	VE.Direct Cable 3m (one side Right Angle conn)	ASS030531230	✓	17,00 €	20,23 €
	VE.Direct Cable 5m (one side Right Angle conn)	ASS030531250	✓	19,00 €	22,61 €
	VE.Direct Cable 10m (one side Right Angle conn)	ASS030531320	✓	23,00 €	27,37 €
	Cables with M8 circular connector (for 12.8V Li-ion batteries)				
	Male to Female 3 pole 1 m (bag of 2)	ASS030560100	✓	35,00 €	41,65 €
	Male to Female 3 pole 2 m (bag of 2)	ASS030560200	✓	37,00 €	44,03 €
	Male to Female 3 pole 3 m (bag of 2)	ASS030560300	✓	40,00 €	47,60 €
	Male to Female 3 pole 5 m (bag of 2)	ASS030560500	✓	45,00 €	53,55 €
	Interfaces to connect Victron products to your computer				
	VE.Direct to USB interface	ASS030530010	✓	29,00 €	34,51 €
	Interface MK2-USB (VE.Bus to USB)	ASS030130010		75,00 €	89,25 €
	Interface MK3-USB (VE.Bus to USB)	ACC030140000	✓	70,00 €	83,30 €
	CANUSB interface	ASS030532000	✓	496,00 €	590,24 €
	Interfaces to connect Victron products to NMEA2000				
	VE.Bus to NMEA2000 interface	ASS030520110	✓	219,00 €	260,61 €
	VE.Direct to NMEA2000 interface	ASS030520310	✓	219,00 €	260,61 €
	VE.CAN to NMEA2000 Micro-C male	ASS030520200	✓	100,00 €	119,00 €
	Interfaces for industrial use / datacommunication				
	Interface MK2.2b (VE.Bus to RS232)	ASS030120210	✓	58,00 €	69,02 €
	RS232 to USB converter	ASS030200000	✓	31,00 €	36,89 €
	VE.Direct to RS232 interface	ASS030520500	✓	29,00 €	34,51 €
	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 €	19,04 €
	VE.CAN to CAN-bus BMS type A Cable 5m	ASS030710050	✓	16,00 €	19,04 €
	VE.CAN to CAN-bus BMS type B Cable 1.8m	ASS030720018	✓	16,00 €	19,04 €
	VE.CAN to CAN-bus BMS type B Cable 5m	ASS030720050	✓	16,00 €	19,04 €
	Interfaces to connect Victron products to each other				
	VE.Direct to VE.Can interface	ASS030520410	✓	292,00 €	347,48 €
	VE.Can RJ45 terminator (bag of 2)	ASS030700000	✓	10,00 €	11,90 €
	VE.Bus to VE.Can interface	ASS030520115	✓	200,00 €	238,00 €
	Inverting remote on-off cable	ASS030550100	✓	20,00 €	23,80 €
	Non inverting remote on-off cable	ASS030550200	✓	20,00 €	23,80 €
	VE.Direct non inverting remote on-off cable	ASS030550320	✓	20,00 €	23,80 €
	VE.Bus BMS to BMS 12-200 alternator control cable	ASS030510100	✓	35,00 €	41,65 €
	Skylla-i remote on-off cable	ASS030550400	✓	35,00 €	41,65 €
	RJ45-splitter 1xRJ45 male/15cm cable/2xRFX45 female	ASS030065510	✓	19,00 €	22,61 €
	Miscellaneous				
	AC Current sensor	CSE000100000	✓	50,00 €	59,50 €
	Current Transformer 100A:50mA for Multiplus-II (1m)	CTR110000500	✓	45,00 €	53,55 €
	Current Transformer 100A:50mA for Multiplus-II (5m)	CTR110000550	✓★	45,00 €	53,55 €
	Temperature sensor QUA/PMP/VENUS GX	ASS000001000	✓	25,00 €	29,75 €
	Temperature sensor Type C (for inverter RS)	ASS000020000	✓	25,00 €	29,75 €
	Temperature sensor for BMV-702/712	ASS000100000	✓	25,00 €	29,75 €
	DIN35 adapter small (2x)	ADA500100100	✓	18,00 €	21,42 €
	For: Cerbo GX, (Smart) MPPT 100/20, Orion-Tr 24/12-10/15/20 non isolated				
	DIN35 adapter medium (per pair)	ADA500140100	✓	20,00 €	23,80 €
	For MPPT 100/30-50 & 150/35- & Orion (Smart) 220/240/280/360/400W				
	DIN35 adapter large (per pair)	ADA500180100	✓	22,00 €	26,18 €
	For MPPT 75/10-15 & 100/15 & Orion 110/120W				

2021-Q1		victron energy		C €			
		DATA CABLES and INTERFACES, continued				ohne MwSt.	inkl. MwSt.
	VE.direct Bluetooth Dongle	VE.Direkt Bluetooth Smart dongle	ASS030536011	✓		50,00 €	59,50 €
		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)					
	VE.direct Bluetooth Dongle	VE.Bus Smart dongle	ASS030537010	✓		80,00 €	95,20 €
		Ziehl anti-islanding relays					
	Anti-islanding relays UFR	Anti-islanding relays UFR1001E	REL100100000	✓		465,00 €	553,35 €
		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					
	Energy meter ET112	Energy meter ET112 - 1 phase - max 100A	REL300100000	✓		76,00 €	90,44 €
		Energy meter ET340 - 3 phase - max 65A/phase	REL300300000	✓		150,00 €	178,50 €
	Energy meter EM24	Energy meter EM24 - 3 phase - max 65A/phase	REL200100000	✓		200,00 €	238,00 €
		Energy meter EM24 - 3 phase - max 65A/phase Ethernet	REL200100100	✓		245,00 €	291,55 €
	Anti-islanding relays UFR	RS485 to USB interface cable 1,8m	ASS030571018	✓		28,00 €	33,32 €
		RS485 to USB interface cable 5m	ASS030571050	✓		32,00 €	38,08 €
	Zigbee to RS485 converter	Zigbee to RS485 converter	ASS300400100	✓		115,00 €	136,85 €
		Zigbee to USB converter	ASS300400200	✓		100,00 €	119,00 €
	Anti-islanding box 63A	Anti-islanding box 63A single and three phase	RCD000300200	✓	230 x 380 x 100	1.100,00 €	1.309,00 €
				kg		Netto	Brutto
						Ex VAT	
	BMV-700	Battery Monitor BMV-700	BAM010700000 (R)	✓	65 x 65 x 30	0,3	146,00 €
		9 - 90 VDC					
	BMV-702 Black	Battery Monitor BMV-702	BAM010702000 (R)	✓	65 x 65 x 30	0,3	182,00 €
		9 - 90 VDC					
	Temperature sensor	Battery Monitor BMV-702 BLACK	BAM010702200 (R)	✓	65 x 65 x 30	0,3	182,00 €
		Battery Monitor BMV-712 Smart	BAM030712000	✓	65 x 65 x 30	0,3	210,00 €
	SmartShunt 500A/50mV	Battery Monitor BMV-712 Smart BLACK	BAM030712200 (R)	✓	65 x 65 x 30	0,3	210,00 €
		Battery Monitor BMV-700H	BAM010700100	✓			602,00 €
	Shunt 1000A	Battery Monitor BMV-710H Smart	BAM030710100	✓			630,00 €
		70 - 350 VDC					
		With 500A shunt in plastic enclosureand connection kit Suitable for systems with grounded negative only					
	SmartShunt 1000A/50mV	Temperature sensor for BMV-702/712	ASS000100000	✓			25,00 €
	Shunt 500A/50mV	SmartShunt 500A/50mV	SHU050150050	✓	46 x 120 x 54		133,00 €
		SmartShunt 1000A/50mV	SHU050210050	✓	68 x 120 x 54		220,00 €
	Shunt 2000A/50mV	SmartShunt 2000A/50mV	SHU050220050	✓	68 x 120 x 76		300,00 €
	Shunt 6000A/50mV	Shunt 500A/50mV	SHU500050100	✓	45 x 28 x 120		33,00 €
		Shunt 1000A/50mV	SHU102050200	✓	80 x 30 x 168		109,00 €
	Diode Isolator	Shunt 2000A/50mV	SHU202050200	✓	80 x 50 x 168		171,00 €
		Shunt 6000A/50mV	SHU050220050	✓	135 x 60 x 168		300,00 €
		(these Shunts do not include the connection PCB to BMV-700/702/712)					
		BATTERY ISOLATORS					
	Argodiode 80-2SC 2 batteries 80A	Diode Isolators with alternator energize input ("AC" models only) and compensation diode (all models)					
	Argodiode 100-3AC 3 batteries 100A	Argodiode 80-2SC 2 batteries 80A	ARG080202000 (R)	✓	60 x 120 x 75	0,5	40,00 €
		Argodiode 80-2AC 2 batteries 80A	ARG080201000 (R)	✓	60 x 120 x 90	0,6	51,00 €
	Argodiode 120-2AC 2 batteries 120A	Argodiode 100-3AC 3 batteries 100A	ARG100301000 (R)	✓	60 x 120 x 115	0,8	69,00 €
		Argodiode 120-2AC 2 batteries 120A	ARG120201020 (R)	✓	60 x 120 x 115	0,8	77,00 €
	Argodiode 140-3AC 3 batteries 140A	Argodiode 140-3AC 3 batteries 140A	ARG140301020 (R)	✓	60 x 120 x 150	1,1	97,00 €
		Argodiode 160-2AC 2 batteries 160A	ARG160201020	✓	60 x 120 x 150	1,1	92,00 €
	Argodiode 180-3AC 3 batteries 180A	Argodiode 160-2AC 2 batteries 160A	ARG160201020	✓	60 x 120 x 150	1,1	92,00 €
		Argodiode 180-3AC 3 batteries 180A	ARG180301020	✓	60 x 120 x 200	1,5	112,00 €
	Argofet 100-2 Two batteries 100A	FET Isolators with alternator energize input					
	Argofet 100-3 Three batteries 100A	Argofet 100-2 Two batteries 100A	ARG100201020 (R)	✓	65 x 120 x 200	1,4	102,00 €
		Argofet 100-3 Three batteries 100A	ARG100301020 (R)	✓	65 x 120 x 200	1,4	117,00 €
	Argofet 200-2 Two batteries 200A	Argofet 200-2 Two batteries 200A	ARG200201020 (R)	✓	65 x 120 x 200	1,4	122,00 €
		Argofet 200-3 Three batteries 200A	ARG200301020 (R)	✓	65 x 120 x 200	1,4	143,00 €
	Cyrix-ct 12/24V-120A	Microprocessor controlled battery combiner/isolators					
	Cyrix-ct 12/24V-230A	Cyrix-ct 12/24V-120A intelligent combiner	CYR010120011 (R)	✓	46 x 46 x 80	0,11	45,00 €
		Cyrix-ct 12/24V-120A Battery combiner kit	CYR010120110R	✓	46 x 46 x 80	0,11	90,00 €
	Cyrix-i 12/24V-400A	Cyrix-ct 12/24V-230A intelligent combiner	CYR010230010 (R)	✓	65 x 100 x 50	0,3	112,00 €
		Cyrix-i 12/24V-400A intelligent combiner	CYR010400000	✓	78 x 102 x 110	0,9	239,00 €
	Diode Battery Combiner	Cyrix-i 24/48V-400A intelligent combiner	CYR020400000	✓	78 x 102 x 110	0,9	239,00 €
	BCD 402 2 batteries 40A	Diode Battery Combiner					
		BCD 402 2 batteries 40A	BCD000402000	✓	60 x 120 x 75	0,6	44,00 €
	BCD 802 2 batteries 80A	BCD 802 2 batteries 80A	BCD000802000	✓	60 x 120 x 75	0,8	54,00 €
	Battery Protection						
	Battery balancer	Battery balancer	BBA000100100	✓	100 x 113 x 47	0,6	67,00 €
		BatteryProtect 12/24V 65A	BPR000065400	✓	40 x 48 x 106	0,2	41,00 €
	Smart BatteryProtect 12/24V 65A	BatteryProtect 12/24V 100A	BPR000100400	✓	59 x 42 x 115	0,6	60,00 €
		BatteryProtect 12/24V 220A	BPR00220400	✓	62 x 123 x 120	0,8	99,00 €
	Smart BatteryProtect 12/24V 100A	BatteryProtect 48V 100A	BPR048100400	✓	62 x 123 x 120	0,8	135,00 €
		Smart BatteryProtect 12/24V 65A	BPR065022000	✓	40 x 48 x 106	0,2	61,00 €
	Smart BatteryProtect 12/24V 220A	Smart BatteryProtect 12/24V 100A	BPR110022000	✓	59 x 42 x 115	0,6	80,00 €
		Smart BatteryProtect 12/24V 220A	BPR122022000	✓	62 x 123 x 120	0,8	119,00 €
	Smart BatteryProtect 48V 100A	Smart BatteryProtect 12/24V 220A	BPR110048000	✓	62 x 123 x 120	0,8	155,00 €
		Smart BatteryProtect 48V 100A					



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SOLAR CHARGE CONTROLLERS							Netto	Brutto
 SHS 200 MPPT v3.0	SHS 200 MPPT v3.0	SHS121409130	148 x 204 x 67	✓	0,4	130,00 €	154,70 €	
	Solar cable for SHS 200 5mtr	SHS900120050		✓		19,00 €	22,61 €	
	Smart Solar MPPT RS 450/100-Tr	SCC145110410	440 x 313 x 126	✓	8,0	1.200,00 €	1.428,00 €	
 BlueSolar PWM-Light	BlueSolar PWM-Light 12/24V-5A	SCC010005000	70 x 133 x 34	✓	0,15	25,00 €	29,75 €	
	BlueSolar PWM-Light 12/24V-10A	SCC010010000	70 x 133 x 34	✓	0,15	30,00 €	35,70 €	
	BlueSolar PWM-Light 12/24V-20A	SCC010020020	70 x 133 x 34	✓	0,15	40,00 €	47,60 €	
	BlueSolar PWM-Light 12/24V-30A	SCC010030020	70 x 133 x 34	✓	0,15	55,00 €	65,45 €	
	BlueSolar PWM-Light 48V-10A	SCC040010020	95 x 140 x 34	✓	0,15	60,00 €	71,40 €	
	BlueSolar PWM-Light 48V-20A	SCC040020020	95 x 140 x 34	✓	0,15	77,00 €	91,63 €	
	BlueSolar PWM-Light 48V-30A	SCC040030020	95 x 140 x 34	✓	0,15	90,00 €	107,10 €	
 BlueSolar PWM-LCD&USB	BlueSolar PWM-LCD&USB 12/24V-5A	SCC010005050	96 x 169 x 36	✓	0,15	35,00 €	41,65 €	
	BlueSolar PWM-LCD&USB 12/24V-10A	SCC010010050	96 x 169 x 36	✓	0,15	40,00 €	47,60 €	
	BlueSolar PWM-LCD&USB 12/24V-20A	SCC010020050	96 x 169 x 36	✓	0,15	50,00 €	59,50 €	
	BlueSolar PWM DUO-LCD&USB 12/24V-20A	SCC010020060	76 x 153 x 37	✓	0,20	82,00 €	97,58 €	
	BlueSolar PWM-LCD&USB 12/24V-30A	SCC010030050	102 x 184 x 48	✓	0,15	65,00 €	77,35 €	
	BlueSolar PWM-LCD&USB 48V-10A	SCC040010050	102 x 184 x 48	✓	0,15	70,00 €	83,30 €	
	BlueSolar PWM-LCD&USB 48V-20A	SCC040020050	102 x 184 x 48	✓	0,15	84,00 €	99,96 €	
	BlueSolar PWM-LCD&USB 48V-30A	SCC040030050	102 x 184 x 48	✓	0,15	95,00 €	113,05 €	
 BlueSolar PWM-Pro	BlueSolar PWM-Pro 12/24V-5A	SCC010005010	70 x 138 x 37	✓	0,15	35,00 €	41,65 €	
	BlueSolar PWM-Pro 12/24V-10A	SCC010010010	70 x 138 x 37	✓	0,15	40,00 €	47,60 €	
	BlueSolar PWM-Pro 12/24V-20A	SCC010020110	82 x 160 x 48	✓	0,30	70,00 €	83,30 €	
	BlueSolar PWM-Pro 12/24V-30A	SCC010030010	100 x 200 x 57	✓	0,50	110,00 €	130,90 €	
	Remote panel for BlueSolar PWM-Pro	SCC900300000	49 x 113 x 113	✓	0,21	60,00 €	71,40 €	
	Temperature sensor for BlueSolar PWM-Pro	SCC940100100		✓		12,00 €	14,28 €	
	BlueSolar PWM-Pro to USB interface cable	SCC940100200		✓		12,00 €	14,28 €	
 BlueSolar MPPT 75/15	BlueSolar MPPT 75/10 (12/24V-10A)	SCC010010050R	100 x 113 x 40	✓	✓	0,4	81,00 €	96,39 €
	BlueSolar MPPT 75/15 (12/24V-15A)	SCC010015050R	100 x 113 x 40	✓	✓	0,5	90,00 €	107,10 €
	BlueSolar MPPT 100/15 (12/24V-15A)	SCC010015200R	100 x 113 x 47	✓		0,6	110,00 €	130,90 €
	BlueSolar MPPT 100/20 (12/24/48V-20A)	SCC110020170R	100 x 113 x 50	✓		0,7	130,00 €	154,70 €
	BlueSolar MPPT 100/30 (12/24V-30A)	SCC020030200	130 x 186 x 70	✓		1,3	200,00 €	238,00 €
	BlueSolar MPPT 100/50 (12/24V-50A)	SCC020050200	130 x 186 x 70	✓		1,3	300,00 €	357,00 €
	BlueSolar MPPT 150/35 (12/24/48V-35A)	SCC010035000	130 x 186 x 70	✓		1,3	300,00 €	357,00 €
	BlueSolar MPPT 150/45-Tr (12/24/48V-45A)	SCC010045200	200 x 250 x 95	✓		3,0	450,00 €	535,50 €
	BlueSolar MPPT 150/45-MC4 (12/24/48V-45A)	SCC010045300	200 x 250 x 95	✓		3,0	450,00 €	535,50 €
	BlueSolar MPPT 150/60-Tr (12/24/48V-60A)	SCC010060200	200 x 250 x 95	✓		3,0	500,00 €	595,00 €
	BlueSolar MPPT 150/60-MC4 (12/24/48V-60A)	SCC010060300	200 x 250 x 95	✓		3,0	500,00 €	595,00 €
	BlueSolar MPPT 150/70-Tr (12/24/48V-70A)	SCC010070200	200 x 250 x 95	✓		3,0	550,00 €	654,50 €
	BlueSolar MPPT 150/70-MC4 (12/24/48V-70A)	SCC010070300	200 x 250 x 95	✓		3,0	550,00 €	654,50 €
	BlueSolar MPPT 150/100-TR VE.CAN (12/24/48V-100A)	SCC115110420	216 x 295 x 103	✓		4,5	780,00 €	928,20 €
	BlueSolar MPPT 250/70-TR VE.CAN (12/24/48V-70A)	SCC125070441	200 x 250 x 95	✓		3,0	780,00 €	928,20 €
	BlueSolar MPPT 250/100-TR VE.CAN (12/24/48V-100A)	SCC125110441	216 x 295 x 103	✓		4,5	955,00 €	1.136,45 €
 SmartSolar MPPT 100/30	SmartSolar MPPT 75/10 (12/24V-10A)	SCC075010060R	100 x 113 x 40	✓	✓	0,4	111,00 €	132,09 €
	SmartSolar MPPT 75/15 (12/24V-15A)	SCC075015060R	100 x 113 x 40	✓	✓	0,5	120,00 €	142,80 €
	SmartSolar MPPT 100/15 (12/24V-15A)	SCC110015060R	100 x 113 x 47	✓	✓	0,6	140,00 €	166,60 €
	SmartSolar MPPT 100/20 (12/24V/48V-20A)	SCC110020170R	100 x 113 x 47	✓	✓	0,7	160,00 €	190,40 €
	SmartSolar MPPT 100/30 (12/24V-30A)	SCC110030210	130 x 186 x 70	✓	✓	1,3	230,00 €	273,70 €
	SmartSolar MPPT 100/50 (12/24V-50A)	SCC110050210	130 x 186 x 70	✓	✓	1,3	330,00 €	392,70 €
	SmartSolar MPPT 150/35 (12/24/48V-35A)	SCC115035210	130 x 186 x 70	✓	✓	1,3	330,00 €	392,70 €
	SmartSolar MPPT 150/45-Tr (12/24/48V-45A)	SCC115045210	200 x 250 x 95	✓		3,0	500,00 €	595,00 €
	SmartSolar MPPT 150/45-MC4 (12/24/48V-45A)	SCC115045310	200 x 250 x 95	✓		3,0	500,00 €	595,00 €
	SmartSolar MPPT 150/60-Tr (12/24/48V-60A)	SCC115060210	200 x 250 x 95	✓		3,0	550,00 €	654,50 €
	SmartSolar MPPT 150/60-MC4 (12/24/48V-60A)	SCC115060310	200 x 250 x 95	✓		3,0	550,00 €	654,50 €
	SmartSolar MPPT 150/70-Tr (12/24/48V-70A)	SCC115070210	200 x 250 x 95	✓		3,0	600,00 €	714,00 €
	SmartSolar MPPT 150/70-Tr VE.CAN (12/24/48V-70A)	SCC115070410	200 x 250 x 95	✓		3,0	650,00 €	773,50 €
	SmartSolar MPPT 150/70-MC4 (12/24/48V-70A)	SCC115070310	200 x 250 x 95	✓		3,0	600,00 €	714,00 €
	SmartSolar MPPT 150/85-Tr VE.CAN (12/24/48V-85A)	SCC115085410	216 x 295 x 103	✓		4,5	710,00 €	844,90 €
	SmartSolar MPPT 150/85-MC4 VE.CAN (12/24/48V-85A)	SCC115085511	216 x 295 x 103	✓		4,5	725,00 €	862,75 €
	SmartSolar MPPT 150/100-Tr VE.CAN (12/24/48V-100A)	SCC115110410	216 x 295 x 103	✓		4,5	810,00 €	963,90 €
	SmartSolar MPPT 150/100-MC4 VE.CAN (12/24/48V-100A)	SCC115110511	216 x 295 x 103	✓		4,5	825,00 €	981,75 €
	SmartSolar MPPT 250/60-Tr (12/24/48V-60A)	SCC125060210	200 x 250 x 95	✓		3,0	650,00 €	773,50 €
	SmartSolar MPPT 250/60-MC4 (12/24/48V-60A)	SCC125060310	200 x 250 x 95	✓		3,0	650,00 €	773,50 €
	SmartSolar MPPT 250/70-Tr (12/24/48V-70A)	SCC125070210	200 x 250 x 95	✓		3,0	750,00 €	892,50 €
	SmartSolar MPPT 250/70-Tr VE.CAN (12/24/48V-70A)	SCC125070420	200 x 250 x 95	✓		3,0	800,00 €	952,00 €
	SmartSolar MPPT 250/70-MC4 (12/24/48V-70A)	SCC125070310	200 x 250 x 95	✓		3,0	750,00 €	892,50 €
	SmartSolar MPPT 250/85-Tr VE.CAN (12/24/48V-85A)	SCC125085411	216 x 295 x 103	✓		4,5	860,00 €	1.023,40 €
	SmartSolar MPPT 250/85-MC4 VE.CAN (12/24/48V-85A)	SCC125085511	216 x 295 x 103	✓		4,5	875,00 €	1.041,25 €
	SmartSolar MPPT 250/100-Tr VE.CAN (12/24/48V-100A)	SCC125110410	216 x 295 x 103	✓		4,5	960,00 €	1.142,40 €
	SmartSolar MPPT 250/100-MC4 VE.CAN (12/24/48V-100A)	SCC125110511	216 x 295 x 103	✓		4,5	975,00 €	1.160,25 €
	 Smart Battery Sense	Inverting remote on-off cable	ASS030550100		✓		20,00 €	23,80 €
		VE.Direct TX digital output cable PWM light dimming cable)	ASS030550500		✓		10,00 €	11,90 €
		SmartSolar Pluggable Display	SCC900600010		✓		50,00 €	59,50 €
		MPPT Control (VE.Direct cable not included)	SCC900500000	65 x 65 x 30	✓	0,3	80,00 €	95,20 €
		VE.Direct non inverting remote on-off cable	ASS030550310		✓		20,00 €	23,80 €
		Smart Battery Sense (long range up to 10m)	SBS050150200		✓		40,00 €	47,60 €

Wireboxes for Solar Charger Controllers							Netto	Brutto	
							ohne MwSt.	inkl. MwSt.	
 WireBox	WireBox-S 75-10/15 (for 75/10 & 75/15)	SCC950100000	✓				20,00 €	23,80 €	
	WireBox-S 100-15	SCC950120000	✓				20,00 €	23,80 €	
	WireBox-S 100-20	SCC950140000	✓				20,00 €	23,80 €	
	WireBox-M (for models with h=130mm)	SCC950200000	✓				25,00 €	29,75 €	
	WireBox-L Tr (for Tr models, h=200mm)	SCC950300200	✓				30,00 €	35,70 €	
	WireBox-L MC4 (for MC4 models, h=200mm)	SCC950300300	✓				30,00 €	35,70 €	
	WireBox-L MC4 (for MC4 & MC4 VE.Can, h=200mm)	SCC950300310	✓				30,00 €	35,70 €	
	WireBox-XL Tr (for Tr & Tr VE.Can, h=216mm)	SCC950400210	✓				30,00 €	35,70 €	
WireBox-XL MC4 (for MC4 & MC4 VE.Can, h=216mm)	SCC950400310	✓				30,00 €	35,70 €		
BATTERIES									
AGM Deep Cycle (C20 capacity)									
		lxwxh	⊘	⊘	kg	CCA @ 0°F RES CAP @ 80°F			
 12V/90Ah AGM Deep Cycle Batt.	6V/240Ah AGM Deep Cycle Batt.	BAT406225084	320 x 176 x 247	✓	✓	31,0	315,00 €	374,85 €	
	12V/8Ah AGM Deep Cycle Batt.	BAT212070084	151 x 65 x 101	✓		2,3	23,00 €	27,37 €	
	12V/14Ah AGM Deep Cycle Batt.	BAT212120084	151 x 98 x 101	✓		4,4	42,00 €	49,98 €	
	12V/22Ah AGM Deep Cycle Batt.	BAT212200084	181 x 77 x 167	✓		5,8	57,00 €	67,83 €	
	12V/38Ah AGM Deep Cycle Batt.	BAT412350084	197 x 165 x 170	✓		15,0	134,00 €	159,46 €	
	12V/60Ah AGM Deep Cycle Batt.	BAT412550084	229 x 138 x 227	✓		18,0	280 / 80	154,00 €	183,26 €
	12V/66Ah AGM Deep Cycle Batt.	BAT412600084	258 x 166 x 235	✓	✓	24,0	300 / 90	212,00 €	252,28 €
	12V/90Ah AGM Deep Cycle Batt.	BAT412800084	350 x 167 x 183	✓	✓	27,0	400 / 130	228,00 €	271,32 €
	12V/110Ah AGM Deep Cycle Batt.	BAT412101084	330 x171 x 220	✓	✓	32,0	500 / 170	257,00 €	305,83 €
	12V/130Ah AGM Deep Cycle Batt.	BAT412121084	410 x 176 x 227	✓	✓	38,0	550 / 200	336,00 €	399,84 €
	12V/165Ah AGM Deep Cycle Batt.	BAT412151084	485 x 172 x 240	✓	✓	47,0	600 / 220	426,00 €	506,94 €
	12V/220Ah AGM Deep Cycle Batt.	BAT412201084	522 x 238 x 240	✓	✓	65,0	650 / 250	520,00 €	618,80 €
 12V/90Ah AGM Battery with threaded insert terminals	AGM deep cycle with threaded insert terminals								
	12V/90Ah AGM Deep Cycle Batt. (M6)	BAT412800085	350 x 167 x 183	✓	✓	27,0	400 / 130	228,00 €	271,32 €
	12V/110Ah AGM Deep Cycle Batt. (M8)	BAT412101085	330 x 171 x 220	✓	✓	32,0	500 / 170	285,00 €	339,15 €
	12V/165Ah AGM Deep Cycle Batt. (M8)	BAT412151085	485 x 172 x 240	✓	✓	47,0	600 / 220	426,00 €	506,94 €
	12V/220Ah AGM Deep Cycle Batt. (M8)	BAT412201085	522 x 238 x 240	✓	✓	65,0	650 / 250	520,00 €	618,80 €
	12V/240Ah AGM Deep Cycle Batt. (M8)	BAT412124081	522 x 240 x 224	✓	✓	67,0	650 / 250	530,00 €	630,70 €
 AGM Super Cycle battery with threaded insert terminals	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	42,00 €	49,98 €	
	12V/25Ah AGM Super Cycle Batt. (M5)	BAT412025081	181 x 77 x 175	✓		7,0	60,00 €	71,40 €	
	12V/38Ah AGM Super Cycle Batt. (M5)	BAT412038081	267 x 77 x 175	✓		10,0	125,00 €	148,75 €	
	12V/60Ah AGM Super Cycle Batt. (M5)	BAT412060081	224 x 135 x 178	✓		15,0	300 / 90	161,00 €	191,59 €
	12V/100Ah AGM Super Cycle Batt. (M6)	BAT412110081	260 x 168 x 215	✓		25,0	500 / 170	300,00 €	357,00 €
	12V/125Ah AGM Super Cycle Batt. (M8)	BAT412112081	330 x 171 x 214	✓		34,0	550 / 220	377,00 €	448,63 €
	12V/170Ah AGM Super Cycle Batt. (M8)	BAT412117081	336 x 172 x 280	✓		45,0	600 / 220	475,00 €	565,25 €
	12V/230Ah AGM Super Cycle Batt. (M8)	BAT412123081	532 x 207 x 218	✓		61,0	700 / 400	650,00 €	773,50 €
 AGM Telecom Battery	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	314,00 €	373,66 €
	12V/165Ah AGM Telecom Batt. (M8)	BAT412151164	548 x 105 x 316	✓	✓	49,0	600 / 220	439,00 €	522,41 €
	12V/200Ah AGM Telecom Batt. (M8)	BAT412181164	546 x 125 x 323	✓	✓	59,0	650 / 250	500,00 €	595,00 €
 12V/13Ah Gel Deep Cycle Batt.	GEL Deep Cycle (C20 capacity)								
	12V/60Ah Gel Deep Cycle Batt.	BAT412550104	229 x 138 x 227	✓		19,0	250 / 70	177,00 €	210,63 €
	12V/66Ah Gel Deep Cycle Batt.	BAT412600104	258 x 166 x 235	✓		24,0	270 / 80	221,00 €	262,99 €
	12V/90Ah Gel Deep Cycle Batt.	BAT412800104	350 x 167 x 183	✓	✓	26,0	360 / 120	233,00 €	277,27 €
	12V/110Ah Gel Deep Cycle Batt.	BAT412101104	330 x 171 x 220	✓	✓	33,0	450 / 150	290,00 €	345,10 €
	12V/130Ah Gel Deep Cycle Batt.	BAT412121104	410 x 176 x 227	✓	✓	38,0	500 / 180	340,00 €	404,60 €
	12V/165Ah Gel Deep Cycle Batt.	BAT412151104	485 x 172 x 240	✓	✓	48,0	550 / 200	437,00 €	520,03 €
	12V/220Ah Gel Deep Cycle Batt.	BAT412201104	522 x 238 x 240	✓	✓	66,0	600 / 220	535,00 €	636,65 €
	12V/265Ah Gel Deep Cycle Batt. (M8)	BAT412126101	520 x 268 x 233	✓	✓	75,0	650 / 250	786,00 €	935,34 €
	Lead Carbon Battery with threaded insert terminals								
	Lead Carbon Battery 12V/106Ah (M8)	BAT612110081	410 x 180 x 210	✓		36,0	320,00 €	380,80 €	
	Lead Carbon Battery 12V/160Ah (M8)	BAT612116081	532 x 207 x 215	✓		55,0	480,00 €	571,20 €	
	CCA @ 0°F: SAE Cold Cranking Amps at 0° F / -18°C RES CAP @ 80°F: Reserve Capacity at 80°F / 27°C								
TUBULAR PLATE BATTERIES									
C €									
 GEL OPzV	GEL OPzV tubular plate 2V cells (C10 capacity)*								
	4 OPzV 200	BAT702201260	103 x 206 x 398	✓		19,0	282,00 €	335,58 €	
	5 OPzV 250	BAT702251260	124 x 206 x 398	✓		23,0	328,00 €	390,32 €	
	6 OPzV 300	BAT702301260	145 x 206 x 398	✓		28,0	376,00 €	447,44 €	
	5 OPzV 350	BAT702351260	124 x 206 x 515	✓		31,0	398,00 €	473,62 €	
	6 OPzV 420	BAT702421260	145 x 206 x 515	✓		36,0	456,00 €	542,64 €	
	7 OPzV 490	BAT702491260	166 x 206 x 515	✓		41,0	511,00 €	608,09 €	
	6 OPzV 600	BAT702601260	145 x 206 x 688	✓		49,0	572,00 €	680,68 €	
	8 OPzV 800	BAT702801260	210 x 191 x 688	✓		65,0	787,00 €	936,53 €	
	10 OPzV 1000	BAT702102260	210 x 233 x 690	✓		80,0	922,00 €	1.097,18 €	
	12 OPzV 1200	BAT702122260	210 x 275 x 690	✓		93,0	1.062,00 €	1.263,78 €	
	12 OPzV 1500	BAT702152260	210 x 275 x 840	✓		115,0	1.263,00 €	1.502,97 €	
	16 OPzV 2000	BAT702202260	215 x 400 x 815	✓		155,0	1.716,00 €	2.042,04 €	
	20 OPzV 2500	BAT702252260	215 x 490 x 815	✓		200,0	2.148,00 €	2.556,12 €	
	24 OPzV 3000	BAT702302260	215 x 580 x 815	✓		235,0	2.485,00 €	2.957,15 €	
	*Minimum order quantity 12 cells per model								
Height includes poles									

SOLAR PANELS							Netto	Brutto
							ohne MwSt.	inkl. MwSt.
 Monocrystalline panel	20W-12V Mono 440x350x25mm series 4a*	SPM040201200	440 x 350 x 25	✓	1,9	36	31,00 €	36,89 €
	30W-12V Mono 560x350x25mm series 4a*	SPM040301200	560 x 350 x 25	✓	2,2	36	36,00 €	42,84 €
	40W-12V Mono 425x668x25mm series 4a*	SPM040401200	425 x 668 x 25	✓	3,1	36	46,00 €	54,74 €
	55W-12V Mono 545x668x25mm series 4a*	SPM040551200	545 x 668 x 25	✓	4,0	36	60,00 €	71,40 €
	90W-12V Mono 780x668x30mm series 4a	SPM040901200	780 x 668 x 35	✓	6,1	36	94,00 €	111,86 €
	115W-12V Mono 1015x668x30mm series 4a	SPM041151200	1015 x 668 x 30	✓	8,0	36	107,00 €	127,33 €
	175W-12V Mono 1485x668x30mm series 4a	SPM041751200	1485 x 668 x 30	✓	11,0	36	142,00 €	168,98 €
	215W-24V Mono 1580x808x35mm series 4a	SPM042152400	1580 x 808 x 35	✓	15,0	72	209,00 €	248,71 €
	305W-20V Mono 1640x992x35mm series 4a	SPM043052400	1640 x 992 x 35	✓	18,4	60	247,00 €	293,93 €
	360W-24V Mono 1956x992x40mm series 4a	SPM043602400	1956 x 992 x 40	✓	22,5	72	277,00 €	329,63 €
 Polycrystalline panel	20W-12V Poly 440x350x25mm series 4a*	SPP040201200	440 x 350 x 25	✓	1,9	36	30,00 €	35,70 €
	30W-12V Poly 665x350x25mm series 4a*	SPP040301200	665 x 350 x 25	✓	2,8	36	34,00 €	40,46 €
	45W-12V Poly 425x668x25mm series 4a*	SPP040451200	425 x 668 x 25	✓	3,1	36	48,00 €	57,12 €
	60W-12V Poly 545x668x25mm series 4a*	SPP040601200	545 x 668 x 25	✓	4,0	36	61,00 €	72,59 €
	90W-12V Poly 780x668x30mm series 4a	SPP040901200	780 x 668 x 30	✓	6,1	36	90,00 €	107,10 €
	115W-12V Poly 1015x668x30mm series 3a	SPP041151200	1015 x 668 x 30	✓	8,0	36	99,00 €	117,81 €
	175W-12V Poly 1485x668x30mm series 4a	SPP041751200	1485 x 668 x 30	✓	11,0	36	124,00 €	147,56 €
	270W-20V Poly 1640x992x35mm series 4a	SPP042702000	1640 x 992 x 35	✓	18,4	60	190,00 €	226,10 €
	330W-24V Poly 1956x992x40mm series 4a	SPP043302400	1956 x 992 x 40	✓	28,0	72	228,00 €	271,32 €
	*without connection cable and MC4 connector							
SOLAR CABLES								
 Solar splitter pair MC4-Y	Solar Cable (4 mm²) with pre-assembled male and female MC4 (PV-ST01) connectors							
	Length 1 m	SCA000100000		✓			10,00 €	11,90 €
	Length 3 m	SCA000300000		✓			15,00 €	17,85 €
	Length 5 m	SCA000500000		✓			22,00 €	26,18 €
 Solar adapter cable MC4 male to MC3 female, length 15 cm	Solar Cable (6 mm²) with pre-assembled male and female MC4 (PV-ST01) connectors							
	Length 1 m	SCA000100100		✓			12,00 €	14,28 €
	Length 3 m	SCA000300100		✓			18,00 €	21,42 €
	Length 5 m	SCA000500100		✓			27,00 €	32,13 €
	Length 10 m	SCA001000100		✓			41,00 €	48,79 €
	Length 20 m	SCA002000100		✓			76,00 €	90,44 €
 Solar connector pair MC4	Solar adapter cable MC4 male to MC3 female, length 15 cm							
		SCA500100000					10,00 €	11,90 €
 MC4 male to MC3 female	Solar adapter cable MC4 female to MC3 male, length 15 cm							
		SCA500200000					10,00 €	11,90 €
 MC4 female to MC3 male	Solar splitter pair MC4-Y, 1x M-2F / 1xF-2M							
		SCA520500000					26,00 €	30,94 €
Solar connector pair MC4, 1x Male/1x Female							9,00 €	10,71 €
LITHIUM (LiFePO4) BATTERIES								
 Lithium Battery 200Ah	Lithium battery 12,8V/50Ah - Smart	BAT512050610	187 x 147 x 199	✓	✓	12,0	700,00 €	833,00 €
	Lithium battery 12,8V/60Ah - Smart !!! Läuft demnächst aus	BAT512060410	285 x 132 x 240	✓	✓	12,0	851,00 €	1.012,69 €
	Lithium battery 12,8V/100Ah - Smart	BAT512110610	321 x 152 x 197	✓	✓	15,0	1.149,00 €	1.367,31 €
	Lithium battery 12,8V/160Ah - Smart	BAT512116610	321 x 152 x 237	✓	✓	20,0	1.645,00 €	1.957,55 €
	Lithium battery 12,8V/200Ah-a Smart	BAT512120610	321 x 152 x 237	✓	✓	22,0	2.140,00 €	2.546,60 €
	Lithium battery 12,8V/300Ah - Smart	BAT512130410	425 x 274 x 347	✓	✓	51,0	3.378,00 €	4.019,82 €
	Lithium battery 25,6V/200Ah - Smart	BAT524120410	631 x 208 x 317	✓	✓	56,0	4.500,00 €	5.355,00 €
 VE.Bus BMS	Battery Management System VE.Bus BMS							
	(includes AC detector)	BMS300200000	105 x 72 x 30	✓		0,1	120,00 €	142,80 €
	smallBMS with pre-Alarm	BMS400100000	106 x 43 x 23	✓			50,00 €	59,50 €
 MiniBMS	Inverting remote on-off cable	ASS030550100		✓			20,00 €	23,80 €
	Non inverting remote on-off cable	ASS030550200		✓			20,00 €	23,80 €
	VE.Bus BMS to BMS 12-200 alternator control cable	ASS030510100		✓			35,00 €	41,65 €
 Cyrix-Li .charge	Cyrix-Li-load 12/24V-120A	CYR010120450	46 x 46 x 80	✓		0,11	66,00 €	78,54 €
	Cyrix-Li-load 24/48V-120A	CYR020120450	46 x 46 x 80	✓		0,11	66,00 €	78,54 €
	Cyrix-Li-Charge 12/24V-120A	CYR010120430	46 x 46 x 80	✓		0,11	77,00 €	91,63 €
	Cyrix-Li-Charge 24/48V-120A	CYR020120430	46 x 46 x 80	✓		0,11	77,00 €	91,63 €
	Cyrix-Li-ct 12/24V-120A combiner	CYR010120412	46 x 46 x 80	✓		0,11	77,00 €	91,63 €
 BMS 12/200	Cyrix-Li-load 12/24V-230A	CYR010230450	65 x 100 x 50	✓		0,3	165,00 €	196,35 €
	Cyrix-Li-load 24/48V-230A	CYR020230450	65 x 100 x 50	✓		0,3	165,00 €	196,35 €
	Cyrix-Li-Charge 12/24V-230A	CYR010230430	65 x 100 x 50	✓		0,3	165,00 €	196,35 €
	Cyrix-Li-Charge 24/48V-230A	CYR020230430	65 x 100 x 50	✓		0,3	165,00 €	196,35 €
	Cyrix-Li-ct 12/24V-230A combiner	CYR010230410	65 x 100 x 50	✓		0,3	165,00 €	196,35 €
 Peak Power Pack	Battery Management System 12/200	BMS012201000	65 x 120 x 260	✓		1,8	242,00 €	287,98 €
	Smat BMS CL 12-100	BMS110022000	65 x 120 x 224	✓		1,6	200,00 €	238,00 €
	Cable for Smart BMS CL 12-100	ASS070200100		✓			20,00 €	23,80 €
 Lithium Super Pack	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 €	445,06 €
	Victron Peak Power Pack 12,8V/30Ah 384Wh	PPP012030000	190 x 172 x 172	✓		5,4	518,00 €	616,42 €
	Victron Peak Power Pack 12,8V/40Ah 512Wh	PPP012040000	190 x 172 x 212	✓		8,6	648,00 €	771,12 €
 Lithium Super Pack	Lithium Super Pack 12,8V/20Ah (M5)	BAT512020705	181 x 77 x 167	✓		3,5	266,00 €	316,54 €
	Lithium Super Pack 12,8V/60Ah (M6)	BAT512060705	229 x 138 x 213	✓		9,5	570,00 €	678,30 €
	Lithium Super Pack 12,8V/100Ah (M8)	BAT512110705	330 x 172 x 220	✓		15,0	940,00 €	1.118,60 €
	Lithium Super Pack 12,8V/100Ah High Current (M8)	BAT512110710	330 x 172 x 220	✓	★	15,0	1.045,00 €	1.243,55 €
	Lithium Super Pack 12,8V/200Ah (M8)	BAT512120705	520 x 269 x 208	✓		21,0	2.090,00 €	2.487,10 €
	Lithium Super Pack 25,6V/50Ah (M8)	BAT524050705	395 x 110 x 286	✓		16,0	1.330,00 €	1.582,70 €

APPENDIX	INVERTERS: ALTERNATIVE OUTLETS	C €				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 €	114,24 €
	Phoenix 12/250 VE.Direct (AS/NZS 3112)	PIN122510300	86 x 165 x 260	✓	2,4	96,00 €	114,24 €
	Phoenix 12/250 VE.Direct UK (BS 1363)	PIN122510400	86 x 165 x 260	✓	2,4	96,00 €	114,24 €
	Phoenix 12/375 VE.Direct IEC	PIN123750100	86 x 165 x 260	✓	3,0	124,00 €	147,56 €
	Phoenix 12/375 VE.Direct (AS/NZS 3112)	PIN123750300	86 x 165 x 260	✓	3,0	124,00 €	147,56 €
	Phoenix 12/375 VE.Direct UK (BS 1363)	PIN123750400	86 x 165 x 260	✓	3,0	124,00 €	147,56 €
	Phoenix 12/500 VE.Direct IEC	PIN125101100	86 x 172 x 275	✓	3,9	154,00 €	183,26 €
	Phoenix 12/500 VE.Direct (AS/NZS 3112)	PIN125010300	86 x 172 x 275	✓	3,9	154,00 €	183,26 €
	Phoenix 12/500 VE.Direct UK (BS 1363)	PIN125010400	86 x 172 x 275	✓	3,9	154,00 €	183,26 €
	Phoenix 12/800 VE.Direct IEC	PIN121801100	105 x 216 x 305	✓	5,5	280,00 €	333,20 €
	Phoenix 12/800 VE.Direct AU/NZ outlet (AS/NZS 3112)	PIN121800300	105 x 216 x 305	✓	5,5	280,00 €	333,20 €
	Phoenix 12/800 VE.Direct UK outlet (BS 1363)	PIN121800400	105 x 216 x 305	✓	5,5	280,00 €	333,20 €
	Phoenix 12/1200 IEC	PIN121220100	104 x 194 x 305	✓	8,5	369,00 €	439,11 €
	Phoenix 12/1200 AU/NZ outlet (AS/NZS 3112)	PIN121220300	104 x 194 x 305	✓	8,5	369,00 €	439,11 €
	Phoenix 12/1200 UK outlet (BS 1363)	PIN121220400	104 x 194 x 305	✓	8,5	369,00 €	439,11 €
	Phoenix 12/1200 VE.Direct IEC	PIN122120100	117 x 232 x 362	✓	8,5	410,00 €	487,90 €
	Phoenix 12/1200 VE.Direct AU/NZ outlet (AS/NZS 3112)	PIN122120300	117 x 232 x 362	✓	8,5	410,00 €	487,90 €
	Phoenix 12/1200 VE.Direct UK outlet (BS 1363)	PIN122120400	117 x 232 x 362	✓	8,5	410,00 €	487,90 €
	Phoenix 24/250 VE.Direct IEC	PIN242510100	86 x 165 x 260	✓	2,4	96,00 €	114,24 €
	Phoenix 24/250 VE.Direct (AS/NZS 3112)	PIN242510300	86 x 165 x 260	✓	2,4	96,00 €	114,24 €
	Phoenix 24/250 VE.Direct (BS 1363)	PIN242510400	86 x 165 x 260	✓	2,4	96,00 €	114,24 €
	Phoenix 24/375 VE.Direct IEC	PIN243750100	86 x 165 x 260	✓	3,0	124,00 €	147,56 €
	Phoenix 24/375 VE.Direct (AS/NZS 3112)	PIN243750300	86 x 165 x 260	✓	3,0	124,00 €	147,56 €
	Phoenix 24/375 VE.Direct (BS 1363)	PIN243750400	86 x 165 x 260	✓	3,0	124,00 €	147,56 €
	Phoenix 24/500 VE.Direct IEC	PIN245010100	86 x 172 x 275	✓	3,9	154,00 €	183,26 €
	Phoenix 24/500 VE.Direct AU/NZ outlet (AS/NZS 3112)	PIN248010300	86 x 172 x 275	✓	3,9	154,00 €	183,26 €
	Phoenix 24/500 VE.Direct UK outlet (BS 1363)	PIN248010400	86 x 172 x 275	✓	3,9	154,00 €	183,26 €
	Phoenix 24/800 VE.Direct IEC	PIN241800100	105 x 216 x 305	✓	5,5	280,00 €	333,20 €
	Phoenix 24/800 VE.Direct AU/NZ outlet (AS/NZS 3112)	PIN241800300	105 x 216 x 305	✓	5,5	280,00 €	333,20 €
	Phoenix 24/800 VE.Direct UK outlet (BS 1363)	PIN241800400	105 x 216 x 305	✓	5,5	280,00 €	333,20 €
	Phoenix 24/1200 VE.Direct IEC	PIN242120100	117 x 232x 327	✓	7,4	369,00 €	439,11 €
	Phoenix 24/1200 VE.Direct AU/NZ outlet (AS/NZS 3112)	PIN242120300	117 x 232x 327	✓	7,4	369,00 €	439,11 €
	Phoenix 24/1200 VE.Direct UK (BS 1363)	PIN242120400	117 x 232x 327	✓	7,4	369,00 €	439,11 €
	Phoenix 48/250 VE.Direct IEC	PIN482510100	86 x 165 x 260	✓	2,4	112,00 €	133,28 €
	Phoenix 48/250 VE.Direct (AS/NZS 3112)	PIN482510300	86 x 165 x 260	✓	2,4	112,00 €	133,28 €
	Phoenix 48/250 VE.Direct (BS 1363)	PIN482510400	86 x 165 x 260	✓	2,4	112,00 €	133,28 €
	Phoenix 48/375 VE.Direct IEC	PIN483750100	86 x 165 x 260	✓	3,0	140,00 €	166,60 €
	Phoenix 48/375 VE.Direct (AS/NZS 3112)	PIN483750300	86 x 165 x 260	✓	3,0	140,00 €	166,60 €
	Phoenix 48/375 VE.Direct (BS 1363)	PIN483750400	86 x 165 x 260	✓	3,0	140,00 €	166,60 €
	Phoenix 48/500 VE.Direct IEC	PIN485010100	86 x 172 x 275	✓	3,9	202,00 €	240,38 €
	Phoenix 48/500 VE.Direct (AS/NZS 3112)	PIN485010300	86 x 172 x 275	✓	3,9	202,00 €	240,38 €
	Phoenix 48/500 VE.Direct (BS 1363)	PIN485010400	86 x 172 x 275	✓	3,9	202,00 €	240,38 €
	Phoenix 48/800 230V IEC	PIN488010100	104 x 194 x 305	✓	6,5	123,00 €	146,37 €
	Phoenix 48/800 VE.Direct IEC	PIN481800100	105 x 216 x 305	✓	5,5	300,00 €	357,00 €
	Phoenix 48/800 VE.Direct (AS/NZS 3112)	PIN481800300	105 x 216 x 305	✓	5,5	300,00 €	357,00 €
	Phoenix 48/800 VE.Direct (BS 1363)	PIN481800400	105 x 216 x 305	✓	5,5	300,00 €	357,00 €
	Phoenix 48/1200 VE.Direct IEC	PIN482120100	117 x 232 x 327	✓	7,4	440,00 €	523,60 €
	Phoenix 48/1200 VE.Direct UK (BS 1363)	PIN482120400	117 x 232 x 327	✓	7,4	440,00 €	523,60 €



APPENDIX	BATTERY CHARGERS: ALTERNATIVE AC PLUGS				kg	Netto	Brutto
		hxwxd	C	€	kg	ohne MwSt.	inkl. MwSt.
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 €	89,25 €
Blue Smart IP65 Charger 12/5 + DC connector	BPC120533024R	47 x 95 x 190	✓		0,9	79,00 €	94,01 €
Blue Smart IP65 Charger 12/7 + DC connector	BPC120731024R	47 x 95 x 190	✓		0,9	110,00 €	130,90 €
Blue Smart IP65 Charger 12/10 + DC connector	BPC121031024R	60 x 105 x 190	✓		0,9	130,00 €	154,70 €
Blue Smart IP65 Charger 12/15 + DC connector	BPC121531024R	60 x 105 x 190	✓		0,9	150,00 €	178,50 €
Blue Smart IP65 Charger 12/25 + DC connector	BPC122531024	75 x 140 x 240	✓		1,9	200,00 €	238,00 €
Blue Smart IP65 Charger 24/8 + DC connector	BPC240831024R	60 x 105 x 190	✓		0,9	150,00 €	178,50 €
Blue Smart IP65 Charger 24/13 + DC connector	BPC241331024	75 x 140 x 240	✓		1,9	200,00 €	238,00 €
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 €	158,27 €
Blue Smart IP22 Charger 12/15 (3)	BPC121544022	235 x 108 x 65	✓		1,4	152,00 €	180,88 €
Blue Smart IP22 Charger 12/20 (1)	BPC122042022	235 x 108 x 65	✓		1,4	159,00 €	189,21 €
Blue Smart IP22 Charger 12/20 (3)	BPC122044022	235 x 108 x 65	✓		1,4	180,00 €	214,20 €
Blue Smart IP22 Charger 12/30 (1)	BPC123042022	235 x 108 x 65	✓		1,4	190,00 €	226,10 €
Blue Smart IP22 Charger 12/30 (3)	BPC123044022	235 x 108 x 65	✓		1,4	216,00 €	257,04 €
Blue Smart IP22 Charger 24/12 (1)	BPC2412242022	235 x 108 x 65	✓		1,4	163,00 €	193,97 €
Blue Power IP22 Charger 24/16 (1)	BPC241642022	235 x 108 x 65	✓		1,4	195,00 €	232,05 €
Blue Power IP22 Charger 24/16 (3)	BPC241644022	235 x 108 x 65	✓		1,4	221,00 €	262,99 €
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 €	89,25 €
Blue Smart IP65 Charger 12/5 + DC connector	BPC120533024R	47 x 95 x 190	✓		0,9	79,00 €	94,01 €
Blue Smart IP65 Charger 12/7 + DC connector	BPC120731024R	47 x 95 x 190	✓		0,9	110,00 €	130,90 €
Blue Smart IP65 Charger 12/10 + DC connector	BPC121031024R	60 x 105 x 190	✓		0,9	130,00 €	154,70 €
Blue Smart IP65 Charger 12/15 + DC connector	BPC121531024R	60 x 105 x 190	✓		0,9	150,00 €	178,50 €
Blue Smart IP65 Charger 12/25 + DC connector	BPC122531014	75 x 140 x 240	✓		1,9	200,00 €	238,00 €
Blue Smart IP65 Charger 24/5 + DC connector	BPC240531024R	47 x 95 x 190	✓		0,9	110,00 €	130,90 €
Blue Smart IP65 Charger 24/8 + DC connector	BPC240831024R	60 x 105 x 190	✓		0,9	150,00 €	178,50 €
Blue Smart IP65 Charger 24/13 + DC connector	BPC241331014	75 x 140 x 240	✓		1,9	200,00 €	238,00 €
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 €	226,10 €
Blue Smart IP22 Charger 12/30 (3)	BPC123044012	235 x 108 x 65	✓		1,4	216,00 €	257,04 €
Blue Power IP22 Charger 24/16 (1)	BPC241642012	235 x 108 x 65	✓		1,4	195,00 €	232,05 €
Blue Power IP22 Charger 24/16 (3)	BPC241644012	235 x 108 x 65	✓		1,4	221,00 €	262,99 €
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 €	124,95 €
Blue Smart IP67 Charger 12/17 (1)	BPC121713016	99 x 219 x 65	✓		2,4	136,00 €	161,84 €
Blue Smart IP67 Charger 12/25 (1)	BPC122513016	99 x 219 x 65	✓		2,4	177,00 €	210,63 €
Blue Smart IP67 Charger 24/12 (1)	BPC241213016	99 x 219 x 65	✓		2,4	177,00 €	210,63 €
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 €	89,25 €
Blue Smart IP65 Charger 12/5 + DC connector	BPC120533034R	45 x 81 x 182	✓		0,6	79,00 €	94,01 €
Blue Smart IP65 Charger 12/7 + DC connector	BPC120731034R	47 x 95 x 190	✓		0,8	110,00 €	130,90 €
Blue Smart IP65 Charger 12/10 + DC connector	BPC121031034R	60 x 105 x 190	✓		0,9	130,00 €	154,70 €
Blue Smart IP65 Charger 12/15 + DC connector	BPC121531034R	60 x 105 x 190	✓		0,9	150,00 €	178,50 €
Blue Smart IP65 Charger 12/25 + DC connector	BPC122531034	75 x 140 x 240	✓		1,9	200,00 €	238,00 €
Blue Smart IP65 Charger 24/5 + DC connector	BPC240531034R	47 x 95 x 190	✓		0,8	110,00 €	130,90 €
Blue Smart IP65 Charger 24/8 + DC connector	BPC240831034R	60 x 105 x 190	✓		0,9	150,00 €	178,50 €
Blue Smart IP65 Charger 24/13 + DC connector	BPC241331034	75 x 140 x 240	✓		1,9	200,00 €	238,00 €

2021-Q1



Artikel			kg	Netto	Brutto
Solarmodul S-Serie Standart-Solarmodul				ohne MwSt.	inkl. MwSt.
S380M36 Solarmodul mit Alurahmen (95Wp)		1500 x 350 x 35	7,9	335,29 €	399,00 €
S480M45 Solarmodule mit Alurahmen (120Wp)		1250 x 557 x 35	6,6	268,07 €	319,00 €
S760M36 Solarmodule mit Alurahmen (190Wp)		1500 x 680 x 35	12,1	335,29 €	399,00 €
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 €	369,00 €
S770M36 Vision Solarmodul mit Alurahmen (150Wp)		1500 x 680 x 35	15,0	402,52 €	479,00 €
Solarmodule Power S-Serie mit schwarzem Aluminiumrahmen Backcontact Solarzelle Monocrystalline					
S555M36 Solarmodul mit Alurahmen (125Wp)	SunPower	1250 x 550 x 35		553,78 €	659,00 €
S705M44 Solarmodul mit Alurahmen (160Wp)	SunPower	1500 x 550 x 35		646,22 €	769,00 €
Solarmodule M-Serie semiflexibel auf Aluminium-Sandwich-Platte					
S50P36 Marinemodul, leicht biegbar 12Wp		431 x 243 x 4	0,9	242,86 €	289,00 €
S110P42 Marinemodul, leicht biegbar 27Wp		464 x 481 x 4	1,7	318,49 €	379,00 €
S170P43 Marinemodul, leicht biegbar 12Wp		645 x 481 x 4	2,2	394,12 €	469,00 €
S220P43 Marinemodul, leicht biegbar 55Wp		844 x 481 x 4	2,8	511,76 €	608,99 €
S320P41 Marinemodul, leicht biegbar 80Wp		798 x 695 x 4	3,7	637,82 €	759,01 €
Solarmodule Power M-Serie semiflexibel Backcontact Solarzelle Monocrystalline					
S465M31 Marinemodul, leicht biegbar (105Wp)	begehbar	1120 x 545 x 4	3,6	621,01 €	739,00 €
S505M34 Marinemodul, leicht biegbar (115Wp)	begehbar	990 x 660 x 4	4,2	705,04 €	839,00 €
S525M35 Marinemodul, leicht biegbar (120Wp)	begehbar	1250 x 545 x 4	4,4	738,66 €	879,01 €
S665M43 Marinemodul, leicht biegbar (150Wp)	begehbar	1510 x 545 x 4	5,2	839,50 €	999,01 €