

Preisliste

2020-Q1

Accusysteme Transwatt
Coesterweg 41
59494 Soest











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

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

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Artikel	Art Nr.	LxBxH (mm)	kg	Netto ohne MwSt.	Brutto inkl. MwSt.	
LiFePo Batterie 12,8V						
	Batterie TH 12V/200Ah-4 (E)*	10016610	465x265x290	34,0	2.434,88 €	
	Batterie TH 12V/200Ah-4 (M)**	10016611	465x265x290	34,0	2.434,88 €	
	Batterie TH 12V/300Ah-4 (E)*	10013320	465x265x340	44,0	3.697,48 €	
	Batterie TH 12V/300Ah-4 (M)**	10013321	465x265x340	44,0	3.697,48 €	
	Batterie TH 12-100-2 (12,8V 100Ah inkl. BMS) inkl. Temperaturabschaltung für Ladung < 0°C	10020960	330x167x183 ★	14,5	839,50 €	
Batterieüberwachungssystem Li/ Pb						
	TBS 12-300A-Li***	10019230	100x75x120	0,8	489,80 €	
	TBS 12-500A-Li***	10019410	100x75x120	0,8	863,00 €	
	TBS 24-300A-Li***	10014130	100x75x120	0,8	489,80 €	
	TBS 48-200A-Li***	10014140	100x75x120	0,8	489,80 €	
	TBS 12-300A-Pb***	10014640	100x75x120	1,7	545,00 €	
	* (E) = Endbatterie ** (M) = Mittelbatterie *** Kapazitätsüberwachung erforderlich: BMV60xS/70xS bzw. TPC Panel					
Mover Set						
	Mover Set 450	10017700		21,0	335,25 €	
	Exide AGM Batterie EP450 + Blue Power Charger 12/10 IP65 + DC Connector + Batterieschalter + Batterie-Schnellverbinder				398,95 €	
	Mover Set 900	10017710		35,0	458,95 €	
	Exide AGM Batterie EP900 + Blue Power Charger 12/10 IP65 + DC Connector + Batterieschalter + Batterie-Schnellverbinder				546,15 €	
Transwatt Power Control (TPC)						
	TPC Panel 3F 12V Set	10016740	200x70x28	0,2	568,00 €	
	inkl. TPC 400A Shunt				675,92 €	
	inkl. TPC 3F Distribution Box 12V	10014970				
	inkl. Interface MK2.2b mod.	10015050				
	inkl. 5m Anschlussleitung RJ45	10011090				
	inkl. D-Sub 9-polig 0,5m Kabel B/S	10014480				
	TPC Panel 3F 12V Set + Generator	10016750	200x70x28	0,2	568,00 €	
	inkl. TPC 400A Shunt				675,92 €	
	inkl. TPC 3F Distribution Box 12V + Gen.	10015300				
	inkl. Interface MK2.2b mod.	10015050				
	inkl. 5m Anschlussleitung RJ45	10011090				
	inkl. D-Sub 9-polig 0,5m Kabel B/S	10014480				
	TPC Panel 3F 24V Set	10016760	200x70x28	0,2	568,00 €	
	inkl. TPC 400A Shunt				675,92 €	
	inkl. TPC 3F Distribution Box 24V	10015070				
	inkl. Interface MK2.2b mod.	10015050				
	inkl. 5m Anschlussleitung RJ45	10011090				
	inkl. D-Sub 9-polig 0,5m Kabel B/S	10014480				
	TPC Panel 3F 24V Set + Generator	10016770	200x70x28	0,2	568,00 €	
	inkl. TPC 400A Shunt				675,92 €	
	inkl. TPC 3F Distribution Box 24V + Gen.	10015310				
	inkl. Interface MK2.2b mod.	10015050				
	inkl. 5m Anschlussleitung RJ45	10011090				
	inkl. D-Sub 9-polig 0,5m Kabel B/S	10014480				
	Artikel	Art Nr.	LxBxH (mm)	kg	Netto ohne MwSt.	Brutto inkl. MwSt.
Transwatt Power Control (TPC)						
	TPC Panel 4 12V Set	10016780	200x70x28	0,2	668,00 €	794,92 €
	inkl. TPC 400A Shunt					
	inkl. TPC 4 Distribution Box 12V	10014970				
	inkl. Interface MK2.2b mod.	10015050				
	inkl. 5m Anschlussleitung RJ45	10011090				
	inkl. D-Sub 9-polig 0,5m Kabel B/S	10014480				
	TPC Panel 4 12V Set + Generator	10016790	200x70x28	0,2	668,00 €	794,92 €
	inkl. TPC 400A Shunt					
	inkl. TPC 4 Distribution Box 12V + Gen.	10015300				
	inkl. Interface MK2.2b mod.	10015050				
	inkl. 5m Anschlussleitung RJ45	10011090				
	inkl. D-Sub 9-polig 0,5m Kabel B/S	10014480				
	TPC Panel 4 24V Set	10016800	200x70x28	0,2	668,00 €	794,92 €
	inkl. TPC 400A Shunt					
	inkl. TPC 4 Distribution Box 24V	10015070				
	inkl. Interface MK2.2b mod.	10015050				
	inkl. 5m Anschlussleitung RJ45	10011090				
	inkl. D-Sub 9-polig 0,5m Kabel B/S	10014480				
	TPC Panel 4 24V Set + Generator	10016770	200x70x28	0,2	668,00 €	794,92 €
	inkl. TPC 400A Shunt					
	inkl. TPC 4 Distribution Box 24V + Gen.	10015310				
	inkl. Interface MK2.2b mod.	10015050				
	inkl. 5m Anschlussleitung RJ45	10011090				
	inkl. D-Sub 9-polig 0,5m Kabel B/S	10014480				
	Remotesteuerung Brennstoffzelle - Batteriekapazität	10017450	68x42x20 ★	0,1	57,50 €	68,43 €
	onDuty LE, Bluetooth Dongle	10017550	★	0,1	50,00 €	59,50 €
	Bluetooth Modul onDuty LE-T, Temperatur	10017590	★	0,1	65,00 €	77,35 €
	Bluetooth Modul onDuty LE-W, Wasser	10017600	★	0,1	65,00 €	77,35 €
	Bypass Lader 12V/3A	10018870		0,1	24,37 €	29,00 €

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Artikel	Art Nr.	LxBxH (mm)	kg	Netto	Brutto	
				ohne MwSt.	inkl. MwSt.	
Sicherungen						
	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 6mm ²	08234600		-	1,20 €	1,43 €
	Aderleitung H07V-K 10mm ²	07888080		-	2,70 €	3,21 €
	Aderleitung H07V-K 16mm ²	10011200		-	2,25 €	2,68 €
	Aderleitung H01N2-D 25mm ²	10008570	N/A	-	3,30 €	3,93 €
	Aderleitung H01N2-D 35mm ²	10005530	N/A	-	5,02 €	5,97 €
	Aderleitung H01N2-D 50mm ²	10005540	N/A	-	6,50 €	7,74 €
	Aderleitung H01N2-D 70mm ²	01563330	N/A	-	12,72 €	15,14 €
Aderleitung H01N2-D 95mm ²	10019720	N/A	-	12,72 €	15,14 €	
Andere Kabeltypen bitte Anfragen						
Kabelschuhe						
	Quetschkabelschuh 35mm ² Bohrung M8	06579190	N/A	-	1,00 €	1,19 €
	Quetschkabelschuh 35mm ² Bohrung M10	06570620	N/A	-	1,00 €	1,19 €
	Quetschkabelschuh 50mm ² Bohrung M8	07128130	N/A	-	1,00 €	1,19 €
	Quetschkabelschuh 50mm ² Bohrung M10	07128210	N/A	-	1,00 €	1,19 €
	Quetschkabelschuh 70mm ² Bohrung M8	G1002730	N/A	-	1,50 €	1,79 €
	Quetschkabelschuh 70mm ² Bohrung M10	06553070	N/A	-	1,59 €	1,89 €
	Quetschkabelschuh 95mm ² Bohrung M8	00997240	N/A	-	2,20 €	2,62 €
	Quetschkabelschuh 95mm ² Bohrung M10	10014810	N/A	-	2,20 €	2,62 €
Andere Kabelschuhe, Stoßverbinder udgl. bitte Anfragen						
Montagezubehör						
	Spoiler für Solarmodule, 53cm lang, 2 Stk, weiß	10019350		1,3	41,18 €	49,00 €
	Spoiler für Solarmodule, 68cm lang, 2 Stk	10019360		1,3	74,90 €	89,13 €
	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 €
	(+) Verteilung im Sicherungskasten AP Haubenverteiler mit Reihen-Sicherungsklemmen für 17 Sicherungskreise	10016520	211x140x80	1,2	195,50 €	232,65 €
	Batterie Trennschalter 100A	10017640	100x80x59		14,25 €	16,96 €
	Batterieschalter 600A Dauerbelastung Blue Sea System	10018390	72x72x78		97,02 €	115,45 €
	Batterieschalter 300A Dauerbelastung Blue Sea System	10018400	72x72x79		45,26 €	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 €	17,94 €

Kleinmengenzuschlag bei Bestellungen unter 100,- €
 Kabelkonfektionierung auf Anfrage


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Transwatt Solar Platten mit Alu-Rahmen


	Transwatt Solar-Panels 100Wp Monocrystallin	10019090	1190x545x35		8,9	159,00 €	189,21 €
	Transwatt Solar-Panels 100Wp SLIM Monocrystallin	10021890	1190x510x35	★	8,7	159,00 €	189,21 €
	Transwatt Solar-Panels 120 Wp Sunpower (SPS)	10021850	1050x535x35		8,0	226,05 €	269,00 €
	Transwatt Solar-Panels 160 Wp Sunpower (SPS)	10021860	1435x535x35		11,0	284,87 €	339,00 €
	Transwatt Solar-Panels 110 Wp Schindelz. (BKL)	10022680	1031x530x35	★	7,9	159,58 €	189,90 €
	Transwatt Solar-Panels 160 Wp Schindelz. (BKL)	10022690	1531x530x35	★	12,0	226,81 €	269,90 €

Transwatt Solar Semi-Flex


	Solarmodul Flexibel WS95EFX	10021770	1030x510x3		2,6	243,61 €	289,90 €
	Solarmodul Flexibel WS110EFX-24 (24V Modul)	10021790	1245x510x3		2,7	277,23 €	329,90 €
	Solarmodul Flexibel WS125EFX	10021760	1350x510x3		2,8	310,84 €	369,90 €
	Solarmodul Flexibel WS140EFX-24 (24V Modul)	10021800	1190x670x3		2,9	378,07 €	449,90 €

Solar Sets

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




	Art Nr.	LxBxH (mm) á Platte	Set kg	Netto	Brutto		
	Solar-Set 100 Wp (1x 100Wp Mono. Solarplatte)	10020440	1190x510x35	12,0	461,34 €	549,00 €	
	Solar-Set 175 Wp (1x 175Wp Mono. Solarplatte)	10020470	1485x668x30	19,0	612,61 €	729,00 €	
	Solar-Set 200 Wp (2x 100Wp Mono. Solarplatten)	10020450	1190x510x35	21,0	696,64 €	829,00 €	
	Solar-Set 350 Wp (2x 175Wp Mono. Solarplatten)	10020460	1485x668x30	44,0	1.091,60 €	1.299,00 €	
	Solar-Set 525 Wp (3x 175Wp Mono. Solarplatten)	10020490	1485x668x30	58,0	1.679,83 €	1.999,00 €	
	Solar-Set 700 Wp (4x 175Wp Mono. Solarplatten)	10021090	1485x668x30	70,0	2.100,00 €	2.499,00 €	
	Set 110 Wp-24 Semi (1x 110Wp-24 WS110EFX)	10020710	1245x510x3		754,62 €	898,00 €	
	Set 220 Wp-24 Semi (2x 110Wp-24 WS110EFX)	10020720	1245x510x3		1.426,89 €	1.698,00 €	
	Set 140 Wp-24 Semi (1x 140Wp-24 WS140EFX)	10021870	1190x670x3		869,23 €	1.034,38 €	
	Set 280 Wp-24 Semi (2x 140Wp-24 WS140EFX)	10021880	1190x670x3		1.613,85 €	1.920,48 €	
	Solar-Set 110 Wp High End (1x 110Wp BKL)	10021920	1031x530x35	★	12,0	838,65 €	997,99 €
	Solar-Set 220 Wp High End (2x 110Wp BKL)	10021930	1031x530x35	★	23,0	1.090,76 €	1.298,00 €
	Solar-Set 160 Wp High End (1x 160Wp BKL)	10021940	1531x530x35	★	19,0	1.006,73 €	1.198,01 €
	Solar-Set 320 Wp High End (2x 160Wp BKL)	10021950	1531x530x35	★	40,0	1.342,86 €	1.598,00 €

Heimspeicher - Pylontech

	PYLONTECH US2000B Plus Speicher 48V 2,4kWh	10021100	483x440x88,5	★	24,0	982,35 €	1.169,00 €
	19" Rack für PYLONTECH US2000B Plus Speicher	10021110		★	12,0	119,00 €	141,61 €
	Batterieschrank Gen.1 für PYLONTECH US2000B	10021130	600x600x988	★	n.a.	312,50 €	371,88 €
	Batteriekabelsatz 2x2 Meter 25mm²	10021130		★	0,5	49,58 €	59,00 €
	Communication HUB für max. 5 Stacks à 8 Batterien	10022320		★	3,0	661,50 €	787,19 €

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VOTRONIC
Electronic-Systeme GmbH & Co. KG

Artikel	Art Nr.	LxBxH (mm)	kg	Netto	Brutto	
Votronic Lichtmaschinen Ladegeräte						
<i>Lieferung des ges. Votronic Programms</i>						
B2B-Ladegeräte für Blei- u. LiFePO4-Batterien - galvanisch isoliert -						
	Lade-Wandler VCC 1224-25 IUoU***	L0000720	265x138x74	1,7	348,66 €	414,91 €
	Lade-Wandler VCC 2424-25 IUoU***	L0000160	265x138x74	1,7	341,85 €	406,80 €
	Lade-Wandler VCC 2412-25 IUoU-Li***	L0000990	265x138x74	1,4	283,78 €	337,70 €
	Lade-Wandler VCC 2412-45 Li***	L0000470	245x160x71	1,7	353,19 €	420,30 €
	Lade-Wandler VCC 2412-45 IUoU-Li***	L0001150	265x138x74	1,7	353,19 €	420,30 €
	Lade-Wandler VCC 1212-25 IUoU-Li***	L0000730	265x138x74	1,4	267,90 €	318,80 €
	Lade-Wandler VCC 1212-45 Li***	L0000460	265x138x74	1,7	338,66 €	403,01 €
	Lade-Wandler VCC 1212-45 IUoU-Li***	L0000960	265x138x74	1,7	338,66 €	403,01 €
	12V B2B-Ladegeräte für Blei u. LiFePO4-Batterien - ohne galvanische Isolation -					
	Lade-Wandler VCC 1212-30 Lithium & Blei***	L0000970	146x67x40	0,5	151,26 €	180,00 €
	Lade-Wandler VCC 1212-50 Lithium & Blei***	L0001140	157x138x74	1,0	273,70 €	325,70 €
	Lade-Wandler VCC 1212-70 Lithium & Blei***	L0001170	227x138x74	1,3	365,38 €	434,80 €
Lade-Wandler VCC 1212-90 Lithium & Blei***	L0000980	227x138x74	1,5	421,85 €	502,00 €	
*** auch in der Marine-Version verfügbar (Aufpreis 5% auf den Listenpreis)						
12V Ladegeräte-Kombinationen für Blei- u. LiFePO4-Batterien Serie VBCS Triple						
<i>Lieferung des ges. Votronic Programms</i>						
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	L0000910	217x250x85	2,9	825,88 €	982,80 €	
Votronic Solar-Regler						
<i>Lieferung des ges. Votronic Programms</i>						
	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						
<i>Lieferung des ges. Votronic Programms</i>						
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 €	
Votronic Füllstands-Messsysteme						
<i>Lieferung des ges. Votronic Programms</i>						
	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 DI)	L0000930	N/A	-	51,01 €	60,70 €
	Tankelektrode 15-50 K (nach Trinkwasserverordnung DI)	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	L000040	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"	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"	P0000980	105x75x35	★	0,1	133,61 €	159,00 €
	Universal-Tankinterface UTI	P0000480	130x42x80		0,2	63,87 €	76,01 €
	Shunt SHE 300 kompatibel zu BTM	P0001010	118x40x65	★	0,2	79,83 €	95,00 €
	ACE-LIN Interface passend zu BTM für Ladegerät ACI	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 250	P0000510	min. 235mm Tanktiefe			95,80 €	114,00 €
	Tankgeber TGW 300	P0000450	min. 285mm Tanktiefe			104,20 €	124,00 €
	Tankgeber TGW 450	P0000110	min. 435mm Tanktiefe			135,29 €	161,00 €
	Tankgeber TGW 500	P0000490	min. 485mm Tanktiefe			143,70 €	171,00 €
	Tankgeber TGW 600	P0000730	min. 585mm Tanktiefe			152,94 €	182,00 €
	Tankgeber TGW 700	P0000460	min. 685mm Tanktiefe			161,34 €	191,99 €
	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 Sicherungshalter für Flachsicherungen 6Stk. +	P0000210	125x84x39			46,00 €	54,74 €
	ASM 12 Sicherungshalter für Flachsicherungen 12Stk	P0000240	165x84x39			57,50 €	68,43 €
	MSB 6 Minus-Sammelschiene 6x M10	P0000220	240x39x55			50,00 €	59,50 €
	MSB 4 Minus-Sammelschiene 4x M10	P0000230	180x39x55			40,76 €	48,50 €
	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			100,00 €	119,00 €
	STV 207 (7x10A Wippschutzschalter + DC und USB)	P0000520	105x210x70			189,08 €	225,01 €
	STV 208 (8x10A Wippschutzschalter)	10020070	210x105x70			175,63 €	209,00 €
	STV 210 (10x10A Wippschutzschalter)	P0000340	105x210x70			209,24 €	249,00 €
	Leertafel Leer 202	P0000350	210x105x2,5			19,75 €	23,50 €






Philippi Steckdosen / USB-Ladesteckdosen

Lieferung des ges. Philippi Programms







	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			10,00 €	11,90 €
	ADR 1, chrom glänzend, Abdeckrahmen 1-fach	P0000780	59,5x59,5			10,00 €	11,90 €
	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 Hutschiene montage	P0000840	65 x 47 x 8			9,16 €	10,90 €
	SKL-B, Brückenmaterial mit Schrauben, bis max. 34A	P0000850				5,04 €	6,00 €

2020-Q1

Telair




Artikel	Art Nr.	LxBxH (mm)	kg	Netto	Brutto
				ohne MwSt.	inkl. MwSt.
Telair Gas Generatoren					
	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 € 6.470,00 €
	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 € 3.408,00 €
	Dieselfilter FD für Telair Diesel-Generatoren	T0000120			36,13 € 43,00 €
	Elektrische Diesel-Kraftstoffpumpe PEC für Telair Diesel Generatoren	T0000130			148,74 € 177,00 €
	Schalldämpfer TelAir 4010 G+B	T0000050			144,54 € 172,00 €

2020-Q1

Artikel	 Fischer Panda Generatorsysteme Hybridantriebe Energiesolungen	Art Nr.	LxBxH (mm)	kg	
Fischer Panda Diesel Generatoren					
<i>Lieferung des ges. Fischer Panda Programms</i>					
	Panda 5000i PVMV-N , 0-4,0 kW / 5,0 KVA	F0000570		9.967,00 €	11.860,73 €
	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*	0000227		5.880,00 €	6.997,20 €
	Panda 5000i PMS , 0-4,0 kW / 5,0 KVA*	0000176		9.046,00 €	10.764,74 €
	Panda 8000i PMS, 0-6,4 kW / 8,0 KVA*	0000183		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					
<i>Lieferung des ges. Fischer Panda Programms</i>					
	RD-D, Dachkühler DC RD1.2	F0000730		866,00 €	1.030,54 €
	RD-D, Dachkühler DC RD2.2	0022841		1.698,00 €	2.020,62 €
	RD-D, Dachkühler DC RD3.2	0000426		1.790,00 €	2.130,10 €

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Artikel							Netto	Brutto	
INVERTER							ohne MwSt.	inkl. MwSt.	
230VAC/50Hz Sinewave		hxwx	d	<	€	e			
						VEB	kg		
	Phoenix 12/250 VE.Direct Schuko*	PIN122510200	86 x 165 x 260	√	√		2,4	96,00 €	114,24 €
	Phoenix 12/375 VE.Direct Schuko*	PIN123750200	86 x 165 x 260	√	√		3,0	124,00 €	147,56 €
	Phoenix 12/500 VE.Direct Schuko*	PIN125010200	86 x 172 x 275	√	√		3,9	180,00 €	214,20 €
	Phoenix 12/800 VE.Direct Schuko*	PIN121800200	105 x 216 x 305	√	√		5,5	280,00 €	333,20 €
	Phoenix 12/1200 VE.Direct Schuko*	PIN122120200	117 x 232 x 362	√	√		7,4	410,00 €	487,90 €
	Phoenix 12/1200 Schuko outlet*	PIN121220200	104 x 194 x 305	√	√		8,5	410,00 €	487,90 €
	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	180,00 €	214,20 €
	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	410,00 €	487,90 €
	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	733,00 €	872,27 €
	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	828,00 €	985,32 €
	Phoenix Inverter 12/3000	PIN123020000	362 x 258 x 218	√	√	√	18,0	1.236,00 €	1.470,84 €
	Phoenix Inverter 12/3000 Smart	PIN122300000	540 x 276 x 152	√	★	√	18,0	November 1.174,00 €	1.397,06 €
	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	733,00 €	872,27 €
	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	828,00 €	985,32 €
	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	November 1.174,00 €	1.397,06 €
	Phoenix Inverter 24/5000	PIN245020000	444 x 328 x 240	√	√	√	28,0	1.945,00 €	2.314,55 €
	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 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	733,00 €	872,27 €
	Phoenix Inverter 48/2000 Smart	PIN482200000	485 x 219 x 125	√			13,0	828,00 €	985,32 €
	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	November 1.000,00 €	1.190,00 €
	Phoenix Inverter 48/5000	PIN485020000	444 x 328 x 240	√		√	28,0	1.575,00 €	1.874,25 €




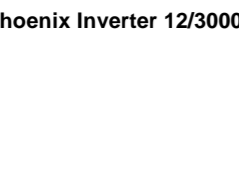
* All 12V and 24V inverters with Schuko outlet are also available with the following outlets:
IEC (male plug included), UK, AU/NZ (see appendix for article numbers)




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INVERTER/CHARGERS
230VAC/50Hz Sinewave

	MultiPlus 12/500/20-16	CMP125010000	311 x 182 x 100	√	√	√	4,4	432,00 €	514,08 €
	MultiPlus 12/800/35-16	PMP121800000	360 x 240 x 100	√	√	√	6,4	536,00 €	637,84 €
	MultiPlus 12/1200/50-16	PMP122120000	406 x 250 x 100	√	√	√	8,2	747,00 €	888,93 €
	MultiPlus 12/1600/70-16	PMP122160000	465 x 270 x 120	√	√	√	10,0	848,00 €	1.009,12 €
	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 €
	Quattro 12/3000/120-50/30	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 24/500/10-16	CMP245010000	311 x 182 x 100	√	√	√	4,4	432,00 €	514,08 €
	MultiPlus 24/800/16-16	PMP241800000	360 x 240 x 100	√	√	√	6,4	536,00 €	637,84 €
	MultiPlus 24/1200/25-16	PMP242120000	406 x 250 x 100	√	√	√	8,2	747,00 €	888,93 €
	MultiPlus 24/1600/40-16	PMP242160000	465 x 270 x 120	√	√	√	10,0	848,00 €	1.009,12 €
	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	1.413,00 €	1.681,47 €
	MultiPlus 24/5000/120-100	PMP245021010	444 x 328 x 240	√	√	√	30,0	2.326,00 €	2.767,94 €
	Quattro 24/3000/70-50/30	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 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	1.791,00 €	2.131,29 €
	Current Transformer 100A:50mA for Multiplus-II	CTR110000500			√	√		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	CEP121620000	510 x 214 x 110	√	√	√	11,0	972,00 €	1.156,68 €
INVERTER/CHARGERS OPTIMISED FOR SELF CONSUMPTION / HOME STORAGE									
	MultiGrid 24/3000/70-50	PMP243024000	362 x 258 x 218	√	√	√	18,0	1.178,00 €	1.401,82 €
	ECO multi 24/3000/70-50 2,3 kWh LiFePO ₄ (2x Lithium battery 12,8V/100Ah - BMS BAT512110610 must be ordered separately)	EMP243020300	475 x 575 x 360	√	√	√	60,0	1.440,00 €	1.713,60 €
	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 24/3000/70-50 MPPT 100/70 Color Control	PMP243027010	810 x 328 x 241	√	√	√	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 48/3000/35-50 MPPT 150/70 Color Control	PMP483027010	810 x 328 x 241	√	√	√	28,0	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 €

					kg	Netto	Brutto		
						ohne MwSt.	inkl. MwSt.		
		INVERTERS 120VAC	120VAC/60Hz Sinewave	hxwxd	c 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	180,00 €	214,20 €	
		Phoenix 12/800 VE.Direct NEMA 5-15R socket	PIN121800500	105 x 216 x 305	√	5,5	280,00 €	333,20 €	
	NEMA 5-15R	Phoenix 12/1200 VE.Direct NEMA 5-15R socket	PIN122120500	117 x 232 x 362	√	8,5	410,00 €	487,90 €	
		Phoenix 12/1200 NEMA 5-15R socket	PIN121220500	104 x 194 x 305	√	8,5	410,00 €	487,90 €	
	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	180,00 €	214,20 €	
		Phoenix 24/800 VE.Direct NEMA 5-15R socket	PIN241800500	104 x 194 x 305	√	5,5	280,00 €	333,20 €	
		Phoenix 24/1200 VE.Direct NEMA 5-15R socket	PIN242120500	117 x 232 x 327	√	7,4	410,00 €	487,90 €	
		Phoenix 48/250 VE.Direct NEMA 5-15R socket	PIN482510500	86 x 165 x 260	√	2,4	112,00 €	133,28 €	
	Phoenix Inverter 12/3000	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 48/1200 VE.Direct NEMA 5-15R socket	PIN482120500	117 x 232 x 327	√	7,4	440,00 €	523,60 €	
		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 €










					kg	Netto	Brutto		
						ohne MwSt.	inkl. MwSt.		
		INVERTER/CHARGERS 120VAC	120VAC/60Hz Sinewave	hxwxd	c e VE.	kg			
	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 €
	Quattro	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 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 €
	Quattro	MultiPlus 24/3000/70-50 120V (UL1741&458 certified)	PMP242021102	362 x 258 x 218	√	√	18,0	1.454,00 €	1.730,26 €
		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 €








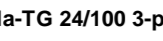


					kg	Netto	Brutto		
						ohne MwSt.	inkl. MwSt.		
		BLUE SMART BATTERY CHARGERS: IP 65 waterproof 120VAC	1 output, natural convection cooling. With NEMA 5-15R plug	hxwxd	c e VE.	kg			
	Blue Smart IP65 Charger	Blue Smart IP65 Charger 12/5 + DC connector	BPC120531104R	47 x 95 x 190	√		0,8	79,00 €	94,01 €
		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 €

					kg	Netto	Brutto		
						ohne MwSt.	inkl. MwSt.		
		BATTERY CHARGERS: waterproof 120VAC	120VAC/45-65Hz	hxwxd	c e VE.	kg			
	Blue Power Charger	1 output. With NEMA 5-15R plug							
		Blue Power 12/7 IP65 Waterproof (1)	BPC012007110	43 x 80 x 155	√		0,85	73,00 €	86,87 €
		Blue Power 24/12 IP65 Waterproof (1)	BPC024012110	47 x 99 x 193	√		1,4	154,00 €	183,26 €
	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	130,00 €	154,70 €
		Blue Smart IP67 Charger 12/17 (1)	BPC121715106	99 x 219 x 65	√		2,4	143,00 €	170,17 €
		Blue Smart IP67 Charger 12/25 (1)	BPC122515106	99 x 219 x 65	√		2,4	186,00 €	221,34 €
		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	143,00 €	170,17 €
		Blue Smart IP67 Charger 24/12 (1)	BPC241215106	99 x 219 x 65	√		2,4	186,00 €	221,34 €











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		kg	Netto ohne MwSt.	Brutto inkl. MwSt.
BATTERY CHARGERS Microprocessor controlled				
	180-265VAC/45-65Hz or 250-350VDC 1 output, natural convection cooling. With CEE 7/16 Plug (Europlug)	hxwxd	€	e
	Automotive IP65 Charger 6V/12V-1,1A (includes DC connector with clamps, eyelets and cigarette plug)	BPC120180034R	42 x 61 x 185	√
	Automotive IP65 Charger 12V/4A-12V/1A (includes DC connector with clamps, eyelets and cigarette plug)	BPC120480034R	42 x 61 x 185	√
	180-265VAC/45-65Hz or 250-350VDC 1 output, natural convection cooling. With CEE 7/7 Plug (Schuko). (includes DC connector with clamps and M8 eyelets)	IP65		
	Blue Smart IP65s Charger 12/4 + DC connector	BPC120433064R	45 x 81 x 182	√
	Blue Smart IP65s Charger 12/5 + DC connector	BPC120533064R	45 x 81 x 182	√
	Blue Smart IP65 Charger 12/7 + DC connector	BPC120731064R	47 x 95 x 190	√
	Blue Smart IP65 Charger 12/10 + DC connector	BPC121031064R	60 x 105 x 190	√
	Blue Smart IP65 Charger 12/15 + DC connector	BPC121531064R	60 x 105 x 190	√
	Blue Smart IP65 Charger 12/25 + DC connector	BPC122531064	75 x 140 x 240	√★
	Blue Smart IP65 Charger 24/5 + DC connector	BPC240531064R	47 x 95 x 190	√
	Blue Smart IP65 Charger 24/8 + DC connector	BPC240831064R	60 x 105 x 190	√
	Blue Smart IP65 Charger 24/13 + DC connector	BPC241331064	75 x 140 x 240	√★
	Accessories for the the Blue Power IP65 Charger			
	M6 eyelet connector (with 30A ATO fuse)	BPC900100004		√
	M8 eyelet connector (with 30A ATO fuse)	BPC900110014		√
	MagCode Power Clip 12V (max. 15A)	BPC900500014		√
	2 meter extension cable	BPC900200004		√
	12 Volt plug (cigarette plug)	BPC900300004		√
	Clamp connector (with 30A ATO fuse)	BPC900400004		√
	Battery Indicator Panel (M8 eyelet connector / 30A)	BPC900110114		√
	Battery Indicator Eyelet (M8 eyelet / 30A ATO fuse)	BPC900120114		√
	Rubber bumper for IP65 Charger 12/10, 12/15, 24/8	BPC920100100		√
	Wall Mount for IP65 Charger 12/10, 12/15, 24/8	BPC920100200		√
	Carry Case for Blue Smart IP65 Chargers and acces	BPC940100100	105 x 350 x 300	√
	180-265VAC/45-65Hz or 250-350VDC 1 output or 3 outputs, fan assisted cooling. With CEE 7/7 Plug (Schuko)	IP22		
	Blue Smart IP22 Charger 12/15 (1)	BPC121542002	235 x 108 x 65	√
	Blue Smart IP22 Charger 12/15 (3)	BPC121544002	235 x 108 x 65	√
	Blue Smart IP22 Charger 12/20 (1)	BPC122042002	235 x 108 x 65	√
	Blue Smart IP22 Charger 12/20 (3)	BPC122044002	235 x 108 x 65	√
	Blue Smart IP22 Charger 12/30 (1)	BPC123042002	235 x 108 x 65	√
	Blue Smart IP22 Charger 12/30 (3)	BPC123044002	235 x 108 x 65	√
	Blue Smart IP22 Charger 24/8 (1)	BPC240842002	235 x 108 x 65	√
	Blue Smart IP22 Charger 24/12 (1)	BPC241242002	235 x 108 x 65	√
	Blue Smart IP22 Charger 24/16 (1)	BPC241642002	235 x 108 x 65	√
	Blue Smart IP22 Charger 24/16 (3)	BPC241644002	235 x 108 x 65	√
BATTERY CHARGERS: IP65 / IP67				
	180-265VAC/45-65Hz 1 output. With CEE 7/7 Plug (Schuko)	IP67		
	Blue Smart IP67 Charger 12/7 (1)	BPC120713006	85 x 211 x 60	√
	Blue Smart IP67 Charger 12/13 (1)	BPC121313006	85 x 211 x 60	√
	Blue Smart IP67 Charger 12/17 (1)	BPC121713006	99 x 219 x 65	√
	Blue Smart IP67 Charger 12/25 (1)	BPC122513006	99 x 219 x 65	√
	Blue Smart IP67 Charger 12/25 (1+Si)	BPC122514006	99 x 219 x 65	√
	Blue Smart IP67 Charger 24/5 (1)	BPC240513006	85 x 211 x 60	√
	Blue Smart IP67 Charger 24/8 (1)	BPC240813006	99 x 219 x 65	√
	Blue Smart IP67 Charger 24/12 (1)	BPC241213006	99 x 219 x 65	√
	Blue Smart IP67 Charger 24/12 (1+Si)	BPC241214006	99 x 219 x 65	√
	See appendix for avibility of models with UK or AU/NZ plug			
	200-265V AC/65-65Hz or 250-350VDC	IP43		
	Phoenix Smart IP43 Charger 12/30 (1+1)	PSC123051085	180 x 249 x 100	√
	Phoenix Smart IP43 Charger 12/30 (3)	PSC123053085	180 x 249 x 100	√
	Phoenix Smart IP43 Charger 12/50 (1+1)	PSC125051085	180 x 249 x 100	√
	Phoenix Smart IP43 Charger 12/50 (3)	PSC125053085	180 x 249 x 100	√
	Phoenix Smart IP43 Charger 24/16 (1+1)	PSC241651085	180 x 249 x 100	√
	Phoenix Smart IP43 Charger 24/16 (3)	PSC241653085	180 x 249 x 100	√
	Phoenix Smart IP43 Charger 24/25 (1+1)	PSC242551085	180 x 249 x 100	√
	Phoenix Smart IP43 Charger 24/25 (3)	PSC242553085	180 x 249 x 100	√
	Mains Cord CEE 7/7 for Smart IP43 Charger 2m	ADA010100100		√
	Mains Cord UK for Smart IP43 Charger 2m	ADA010100200		√
	Mains Cord AU/NZ for Smart IP43 Charger 2m	ADA010100300		√

				kg	Netto	Brutto	
					ohne MwSt.	inkl. MwSt.	
BATTERY CHARGERS: analog control							
		Universal input 90-265VAC/45-65Hz, or 90-400VDC		kg			
		3x full current output					
	Centaur Charger 12/20 (3)	CCH012020000	355 x 215 x 110	√	3,8	360,00 €	428,40 €
	Centaur Charger 12/30 (3)	CCH012030000	355 x 215 x 110	√	3,8	400,00 €	476,00 €
	Centaur Charger 12/40 (3)	CCH012040000	426 x 239 x 135	√	5,0	490,00 €	583,10 €
	Centaur Charger 12/50 (3)	CCH012050000	426 x 239 x 135	√	5,0	510,00 €	606,90 €
	Centaur Charger 12/60 (3)	CCH012060000	426 x 239 x 135	√	5,0	530,00 €	630,70 €
	Centaur Charger 12/80 (3)	CCH012080000	505 x 255 x 130	√	12,0	880,00 €	1.047,20 €
	Centaur Charger 12/100 (3)	CCH012100000	505 x 255 x 130	√	12,0	1.075,00 €	1.279,25 €
	Centaur Charger 24/16 (3)	CCH024016000	355 x 215 x 110	√	3,8	442,00 €	525,98 €
	Centaur Charger 24/30 (3)	CCH024030000	426 x 239 x 135	√	5,0	618,00 €	735,42 €
	Centaur Charger 24/40 (3)	CCH024040000	505 x 255 x 130	√	12,0	808,00 €	961,52 €
Centaur Charger 24/60 (3)	CCH024060000	505 x 255 x 130	√	12,0	924,00 €	1.099,56 €	
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 €	575,96 €
	Phoenix Charger 12/50 (2+1) 120-240V	PCH012050001	350 x 200 x 108	√	3,8	647,00 €	769,93 €
	Phoenix Charger 24/16 (2+1) 120-240V	PCH024016001	350 x 200 x 108	√	3,8	484,00 €	575,96 €
	Phoenix Charger 24/25 (2+1) 120-240V	PCH024025001	350 x 200 x 108	√	3,8	647,00 €	769,93 €
BATTERY CHARGERS: microprocessor control							
		230VAC and 400VAC/45-65Hz, or 180-400VDC					
		1x full current output + 1x 4A output					
	Skylia IP44 12/60 (1+1) 120-240VAC	SKY012060000	401 x 300 x 165	√	6	790,00 €	940,10 €
	Skylia IP44 12/60 (3) 120-240VAC	SKY012060100	401 x 300 x 165	√	6	870,00 €	1.035,30 €
	Skylia IP44 24/30 (1+1) 120-240VAC	SKY024030000	401 x 300 x 165	√	6	790,00 €	940,10 €
	Skylia IP44 24/30 (3) 120-240VAC	SKY024030100	401 x 300 x 165	√	6	870,00 €	1.035,30 €
	Skylia-TG 24/30 (1+1)	SDTG2400301	365 x 250 x 147	√	5,5	707,00 €	841,33 €
	Skylia-TG 24/50 (1+1)	SDTG2400501	365 x 250 x 147	√	5,5	765,00 €	910,35 €
	Skylia-TG 24/80 (1+1)	SDTG2400801	365 x 250 x 257	√	10,0	1.254,00 €	1.492,26 €
	Skylia-TG 24/100 (1+1)	SDTG2401001	365 x 250 x 257	√	10,0	1.514,00 €	1.801,66 €
	Skylia-TG 24/50 3-phase (1+1)	STG024050300	365 x 250 x 257	√	13,0	1.389,00 €	1.652,91 €
	Skylia-TG 24/100 3-phase (1+1)	STG024100300	515 x 260 x 265	√	23,0	2.221,00 €	2.642,99 €
	Skylia-TG 24/30 (1+1) 120-240VAC	SDTG2400303	365 x 250 x 147	√ GL**	5,5	863,00 €	1.026,97 €
	Skylia-TG 24/50 (1+1) 120-240VAC	SDTG2400503	365 x 250 x 147	√ GL**	5,5	934,00 €	1.111,46 €
	Skylia-TG 24/100 (1+1) 120-240VAC	SDTG2401003	365 x 250 x 257	√ GL**	10,0	1.846,00 €	2.196,74 €
	Skylia-TG 24/30 GMDSS 120-240VAC excl. panel	SDTG2400302	365 x 250 x 147	√	6,0	1.081,00 €	1.286,39 €
	Skylia-TG 24/50 GMDSS 120-240VAC excl. panel	SDTG2400504	365 x 250 x 147	√	6,0	1.358,00 €	1.616,02 €
	Skylia-TG 48/25 (1+1)	SDTG4800251	365 x 250 x 147	√	5,5	918,00 €	1.092,42 €
	Skylia-TG 48/50 (1+1)	SDTG4800501	365 x 250 x 257	√	10,0	1.632,00 €	1.942,08 €
	Skylia-i 24/80 (1+1)	SKI024080000	402 x 250 x 140	√	8,0	1.200,00 €	1.428,00 €
	Skylia-i 24/80 (3)	SKI024080002	402 x 250 x 140	√	8,0	1.400,00 €	1.666,00 €
	Skylia-i 24/100 (1+1)	SKI024100000	402 x 250 x 140	√	8,0	1.450,00 €	1.725,50 €
	Skylia-i 24/100 (3)	SKI024100002	402 x 250 x 140	√	8,0	1.700,00 €	2.023,00 €
	Skylia-i remote on-off cable	ASS030550400		√		35,00 €	41,65 €








**Germanischer Lloyd approval. Category C, EMC 1












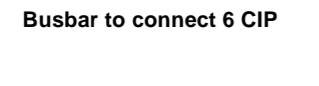

SHORE CABLES		hxwxd	€	e	kg	ohne MwSt.	inkl. MwSt.
Shore Power Cords with Shore Power Organiser Bag							
	Shore Power Cord 15m 16A	SHP302501500	✓			150,00 €	178,50 €
	Shore Power Cord 25m 16A	SHP302502500	✓			204,00 €	242,76 €
	Shore Power Cord 15m 25A	SHP304001500	✓			193,00 €	229,67 €
	Shore Power Cord 25m 32A	SHP306002500	✓			377,00 €	448,63 €
	Power Inlet 16A polyamid wth cover	SHP301603000 (R)	✓			58,00 €	69,02 €
	Power Inlet 16A stainless steel with cover	SHP301602000 (R)	✓			84,00 €	99,96 €
	Power Inlet 32A stainless steel with cover	SHP303202000	✓			111,00 €	132,09 €
	Plug 16A/250Vac (2p/3w) for Power Inlet 16A	SHP301604000	✓			67,00 €	79,73 €
	Plug 32A/250Vac (2p/3w) for Power Inlet 32A	SHP303204000	✓			91,00 €	108,29 €
	Adapter Cord 16A/250V Schuko/CEE	SHP307700220	✓			21,00 €	24,99 €
	Adapter Cord 16A/250V CEE/Schuko	SHP307700260	✓			20,00 €	23,80 €
	Splitter Cord 16A/250V CEE/2xCEE	SHP307700240	✓			68,00 €	80,92 €
	Adapter Cord 16A to 32A/250V CEE/CEE	SHP307700280	✓			30,00 €	35,70 €
	Adapter Cord 32A 3 phase to single phase	SHP307700300	✓			41,00 €	48,79 €
							
Adapter Cord SHP307700220	Adapter Cord SHP307700260	Splitter Cord SHP307700240	Adapter Cord SHP307700280	Adapter Cord SHP307700300			
ISOLATION TRANSFORMERS / AUTOTRANSFORMER / GALVANIC ISOLATOR		hxwxd	€	e	kg	ohne MwSt.	inkl. MwSt.
	Isolation Trans. 2000W 115/230V	ITR040202041	✓		10,0	520,00 €	618,80 €
	Isolation Trans. 3600W 115/230V	ITR040362041	✓		23,0	734,00 €	873,46 €
	Isolation Trans. 7000W 230V	ITR000702001	✓		26,0	955,00 €	1.136,45 €
	Isolation Trans. 3600W Auto 115/230V with automatic inputvoltage detection	ITR050362041	✓		23,0	826,00 €	982,94 €
	Autotransformer 120/240VAC-32A	ITR000100000	✓		10,0	561,00 €	667,59 €
	Autotransformer 120/240VAC-100A The ultimate solution for split phase installations	ITR000100100	✓		13,5	715,00 €	850,85 €
	Galvanic Isolator VDI-16	GDI000016000	✓		1,0	108,00 €	128,52 €
	Galvanic Isolator VDI-32	GDI000032000	✓		2,0	220,00 €	261,80 €
	Galvanic Isolator VDI-64	GDI000064000	✓		2,0	280,00 €	333,20 €













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DC-DC CONVERTERS

	Not isolated, resin encapsulated							
	Orion IP67 24/12-5 (60W)	ORI241205060	25 x 43 x 20	✓	0,1	27,00 €	32,13 €	
	Orion IP67 24/12-10 (120W)	ORI241210060	74 x 74 x 32	✓	0,4	44,00 €	52,36 €	
	Orion IP67 24/12-20 (240W)	ORI241220060	74 x 74 x 32	✓	0,5	58,00 €	69,02 €	
	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 €	
	Orion IP67 12/24-50	ORI122421226	340 x 127 x 63	✓	3,1	300,00 €	357,00 €	
								
	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 €	
								
	Orion-Tr Smart 12/12-30A DC-DC charger	ORI121236140	130 x 186 x 80	✓★	1,8	Dezember 224,00 €	266,56 €	
	Orion-Tr Smart 24/12-15A (360W) DC-DC charger	ORI122436140	130 x 186 x 80	✓★	1,8	Dezember 224,00 €	266,56 €	
	Orion-Tr Smart 24/12-30A (360W) DC-DC charger	ORI241236140	130 x 186 x 80	✓★	1,8	Dezember 224,00 €	266,56 €	
	Orion-Tr Smart 24/24-17A (400W) DC-DC charger	ORI242440140	130 x 186 x 70	✓★	1,6	Dezember 224,00 €	266,56 €	0,00 €
	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	Dezember 167,00 €	198,73 €	
	Orion-Tr Smart 12/12-30A (360W) DC-DC charger	ORI121236120	130 x 186 x 80	✓★	1,8	Oktober 268,00 €	318,92 €	
	Orion-Tr Smart 12/24-10A (240W) DC-DC charger	ORI122424120	130 x 186 x 70	✓★	1,3	Dezember 167,00 €	198,73 €	
	Orion-Tr Smart 12/24-15A (360W) DC-DC charger	ORI122436120	130 x 186 x 80	✓★	1,8	Oktober 268,00 €	318,92 €	
								
	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	Dezember 167,00 €	198,73 €	
	Orion-Tr Smart 24/12-30A (360W) DC-DC charger	ORI241236120	130 x 186 x 80	✓★	1,8	November 268,00 €	318,92 €	
	Orion-Tr Smart 24/24-12A (280W) DC-DC charger	ORI242428120	130 x 186 x 70	✓★	1,3	Dezember 167,00 €	198,73 €	
	Orion-Tr Smart 24/24-17A (400W) DC-DC charger	ORI242440120	130 x 186 x 70	✓★	1,6	Oktober 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 ohne MwSt.	Brutto inkl. MwSt.
	Filax-2 230V/50Hz-240V/60Hz	SDFI0000000	120 x 255 x 75	√	0,8	350,00 €	416,50 €	
	Filax-2 110V/50Hz-120V/60Hz	SDFI0000110	120 x 255 x 75	√	0,8	350,00 €	416,50 €	
Filax-2	VE Transfer Switch 5kVA/230V	COS230502100	175 x 215 x 120	√	1,4	306,00 €	364,14 €	
	VE Transfer Switch 10kVA/230V	COS230103100	175 x 215 x 120	√	1,5	379,00 €	451,01 €	
Transfer switches for general application, with time relay and aux contact for Multi/Digital Control Panel Please consider the Quattro with integrated transfer switch instead!								
	VE Transfer Switch 5kVA/230V							
	VE Transfer Switch 10kVA/230V							
Lynx and DC distribution								
Lynx Power In		LYN020102000	290 x 170 x 80	√	2,1	140,00 €	166,60 €	
Lynx Shunt VE.Can		LYN040102100	190 x 180 x 80	√	1,4	352,00 €	418,88 €	
Lynx Distributor		LYN060102000	290 x 170 x 80	√	2,2	210,00 €	249,90 €	
Lynx Ion		See Lithium battery (page 14)						
ESP DC Link Box (in plastic enclosure)		DCL000200000	130 x 395 x 315	√	3,1	399,00 €	474,81 €	
ESP System Panel conn. / Battery Monitor conn. / Volt sense conn Populated with 4 Mega fuses (2x 300A, 1x 200A, 1x 100A) and 1 Midi fuse (60A)								
								
ESP DC Link Box	Lynx Power In	Lynx Shunt	Lynx Distributor					
FUSES								
	MIDI-fuse 60A/32V (package of 5pcs)	CIP132060010	8 x 12 x 42	√		12,00 €	14,28 €	
	MIDI-fuse 80A/32V (package of 5pcs)	CIP132080010	8 x 12 x 42	√		12,00 €	14,28 €	
	MIDI-fuse 100A/32V (package of 5pcs)	CIP132100010	8 x 12 x 42	√		12,00 €	14,28 €	
	MIDI-fuse 150A/32V (package of 5pcs)	CIP132150010	8 x 12 x 42	√		12,00 €	14,28 €	
	MIDI-fuse 200A/32V (package of 5pcs)	CIP132200000	8 x 12 x 42	√		12,00 €	14,28 €	
	MIDI-fuse 30A/58V for 48V products (1pc)	CIP133030010	8 x 12 x 42	√		11,00 €	13,09 €	
	MIDI-fuse 40A/58V for 48V products (1pc)	CIP133040010	8 x 12 x 42	√		11,00 €	13,09 €	
	MIDI-fuse 50A/58V for 48V products (1pc)	CIP133050010	8 x 12 x 42	√		11,00 €	13,09 €	
	MIDI-fuse 60A/58V for 48V products (1pc)	CIP133060000	8 x 12 x 42	√		11,00 €	13,09 €	
	MIDI-fuse 80A/58V for 48V products (1pc)	CIP133080010	8 x 12 x 42	√		11,00 €	13,09 €	
	MIDI-fuse 100A/58V for 48V products (1pc)	CIP133100010	8 x 12 x 42	√		11,00 €	13,09 €	
	Fuse holder for MIDI-fuse	CIP000050001	25 x 30 x 52	√		9,00 €	10,71 €	
	MEGA-fuse 60A/32V (package of 5pcs)	CIP136060010	9 x 19 x 67	√		15,00 €	17,85 €	
	MEGA-fuse 80A/32V (package of 5pcs)	CIP136080010	9 x 19 x 67	√		15,00 €	17,85 €	
	MEGA-fuse 100A/32V (package of 5pcs)	CIP136100010	9 x 19 x 67	√		15,00 €	17,85 €	
	MEGA-fuse 125A/32V (package of 5pcs)	CIP136125010	9 x 19 x 67	√		15,00 €	17,85 €	
	MEGA-fuse 150A/32V (package of 5pcs)	CIP136150010	9 x 19 x 67	√		15,00 €	17,85 €	
	MEGA-fuse 175A/32V (package of 5pcs)	CIP136175010	9 x 19 x 67	√		15,00 €	17,85 €	
	MEGA-fuse 200A/32V (package of 5pcs)	CIP136200010	9 x 19 x 67	√		15,00 €	17,85 €	
	MEGA-fuse 225A/32V (package of 5pcs)	CIP136225010	9 x 19 x 67	√		15,00 €	17,85 €	
	MEGA-fuse 250A/32V (package of 5pcs)	CIP136250010	9 x 19 x 67	√		15,00 €	17,85 €	
	MEGA-fuse 300A/32V (package of 5pcs)	CIP136300010	9 x 19 x 67	√		15,00 €	17,85 €	
	MEGA-fuse 400A/32V (package of 5pcs)	CIP136400010	9 x 19 x 67	√		24,00 €	28,56 €	
	MEGA-fuse 500A/32V (package of 5pcs)	CIP136500010	9 x 19 x 67	√		25,00 €	29,75 €	
		MEGA-fuse 125A/58V for 48V products	CIP137125010	9 x 19 x 67	√		30,00 €	35,70 €
MEGA-fuse 200A/58V for 48V products		CIP137200010	9 x 19 x 67	√		30,00 €	35,70 €	
MEGA-fuse 250A/58V for 48V products		CIP137250010	9 x 19 x 67	√		30,00 €	35,70 €	
MEGA-fuse 300A/58V for 48V products		CIP137300010	9 x 19 x 67	√		30,00 €	35,70 €	
Fuse holder for MEGA-fuse		CIP000100001	39 x 39 x 97	√		12,00 €	14,28 €	
	Modular fuse holder for MEGA-fuse	CIP100200100	45 x 33 x 73	√		36,00 €	42,84 €	
	Busbar to connect 5 CIP100200100 (500A)	CIP100400060	5 x 10 x 180	√		39,00 €	46,41 €	
	Busbar to connect 6 CIP100200100 (1500A)	CIP100400070	5 x 10 x 280	√		45,00 €	53,55 €	
	ANL-fuse 400A/80V for 48V products (1pc)	CIP142400000	10 x 20 x 81	√		10,00 €	11,90 €	
	ANL-fuse 500A/80V for 48V products (1pc)	CIP142500000	10 x 20 x 81	√		10,00 €	11,90 €	
	Fuse holder for ANL-fuse	CIP106100000	44 x 25 x 87	√		10,00 €	11,90 €	
Fuse CNN 325A/80V for Lynx shunt		CIP140325000	15 x 82 x 20	√		56,00 €	66,64 €	





COLOR CONTROL					kg	Netto ohne MwSt.	Brutto inkl. MwSt.
			hxwd	€	kg		
	Color Control GX Graphical User Interface Ethernet (standard) and Wifi (optional) for remote monitoring and control Data storage and graphical display on vrm.victronenergy.com Android and iPhone apps VE.Bus, VE.Can and BMV connectivity	BPP000300100R	130 x 120 x 40	√		526,00 €	625,94 €
	Venus GX System controller	BPP900400100	142 x 69 x 45	√		300,00 €	357,00 €
	Octo GX	BPP910200100	61 x 108 x 95	√		384,00 €	456,96 €
	Maxi GX	BPP900410200	600 x 44 x 23	√	17,0	1.905,00 €	2.266,95 €
	CANvu GX CANvu GX IO Extender and wiring kit	BPP900700100 BPP900800100		√ √		953,00 € 260,00 €	1.134,07 € 309,40 €
	Temerture sensor VENUS/PMP/Quattro	ASS000001000		√		25,00 €	29,75 €
	CCGX WiFi module simple) (Zyxel NWD2105)	BPP900100200		√		23,00 €	27,37 €
	CCGX WiFi module long range (Startech USB300WN2X2D)	BPP900200200		√		80,00 €	95,20 €
VE.Net							
	VE.Net Tank Monitor (Resistive)	VRS000100010	105 x 75 x 22	√		219,00 €	260,61 €
	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 €
							
VE.Can resistive Tank sender adapter	VE.Net Tank Monitor	Shunt 1000A/50mV	Shunt 2000A/50mV				
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	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 (dc supply voltage range: 10-70V) (small 2G and 3G GSM antenna included)	GSM100100100	43 x 106 x 23	√		250,00 €	297,50 €
	Outdoor 2G and 3G GSM Antenna for GX GSM	GSM900100100		√		40,00 €	47,60 €
	Active GPS Antenna for GX GSM	GSM900200100		√		40,00 €	47,60 €
	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 with 90 degr. RJ45 socket only: - BPA000100000R - Battery Alarm GX - REC000300000R - Skylia-i Control GX (90° RJ45) - DMC000200000R - Digital Multi Control 200/200A GX (90° RJ45)	ASS050300010	80 x 150 x 50	√		26,00 €	30,94 €
	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 €
Box for wall mounting of 65 x 120 mm GX-panels	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	√		12,00 €	14,28 €
	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	ASS030550310	√		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/2xRF45 female	ASS03065510	√		19,00 €	22,61 €
Miscellaneous						
	AC Current sensor	CSE000100000	√		50,00 €	59,50 €
	Wireless sensor gateway	TIM000100000	√		250,00 €	297,50 €







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CE

DATA CABLES and INTERFACES, continued				ohne MwSt.	inkl. MwSt.	
	VE.Direkt Bluetooth Smart dongle For iPhone and Android. For monitoring as well product set up (BMV-7 series, VE Direct Inverter, Blue Smart IP65 charger all MPPT solar chargers except for the 150/70 and 150/85)	ASS030536011	✓	50,00 €	59,50 €	
	VE.Bus Smart dongle Ziehl anti-islanding relays	ASS030537010	✓	80,00 €	95,20 €	
VE.direct Bluetooth Dongle	Anti-islanding relays UFR1001E Fulfills the requirements of VDE-AR-N 4105, ÖVE/ÖNORM E 8001-4 712, G59/3 and G83/2, DIN V VDE V 0126-1-1, ERDF-NOI-RES_13E	REL100100000	✓	465,00 €	553,35 €	
	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 - 3 phase - max 65A/phase (Carlo Gavazzi ET112-DIN.AV01.X.S1.X, ET340-DIN.AV23.X.S1.X, resp. EM24-DIN.AV93.X.S1.X)	REL200100000	✓	200,00 €	238,00 €	
Anti-islanding relays UFR	RS485 to USB interface cable 1,8m	ASS030571018	✓	28,00 €	33,32 €	
	RS485 to USB interface cable 5m (needed to connect to the AC sensor to the ColorControl GX)	ASS030571050	✓	32,00 €	38,08 €	
	Zigbee to RS485 converter	ASS300400100	✓	115,00 €	136,85 €	
	Zigbee to USB converter	ASS300400200	✓	100,00 €	119,00 €	
	Anti-islanding box 63A single phase - UK	RCD000100200	215 x 270 x 100	✓	969,00 €	1.153,11 €
	Anti-islanding box 63A single and three phase	RCD000300200	230 x 380 x 100	✓	1.100,00 €	1.309,00 €






BATTERY MONITOR BMV-700 & BMV-702				kg	Netto	Brutto	
		hxwd	CE	e	Ex VAT		
	Battery Monitor BMV-700 9 - 90 VDC With 500A 'click and connect' shunt and connection kit	BAM010700000 (R)	65 x 65 x 30	✓	0,3	146,00 €	173,74 €
	Battery Monitor BMV-702 9 - 90 VDC With 500A 'click and connect' shunt and connection kit	BAM010702000 (R)	65 x 65 x 30	✓	0,3	182,00 €	216,58 €
BMV-700							
	Battery Monitor BMV-702 BLACK With 500A 'click and connect' shunt and connection kit	BAM010702200 (R)	65 x 65 x 30	✓	0,3	182,00 €	216,58 €
BMV-702 Black							
	Battery Monitor BMV-712 Smart	BAM030712000	65 x 65 x 30	✓	0,3	210,00 €	249,90 €
	Battery Monitor BMV-700H 70 - 350 VDC With 500A shunt in plastic enclosure and connection kit Suitable for systems with grounded negative only	BAM010700100		✓		630,00 €	749,70 €
	Temperature sensor for BMV-702	ASS000100000		✓		25,00 €	29,75 €


BATTERY ISOLATORS							
Diode Isolators with alternator energize input ("AC" models only) and compensation diode (all models)							
	Argodiode 80-2SC 2 batteries 80A	ARG080202000 (R)	60 x 120 x 75	✓	0,5	40,00 €	47,60 €
Diode Isolator	Argodiode 80-2AC 2 batteries 80A	ARG080201000 (R)	60 x 120 x 90	✓	0,6	51,00 €	60,69 €
	Argodiode 100-3AC 3 batteries 100A	ARG100301000 (R)	60 x 120 x 115	✓	0,8	69,00 €	82,11 €
	Argodiode 120-2AC 2 batteries 120A	ARG120201020 (R)	60 x 120 x 115	✓	0,8	77,00 €	91,63 €
Fet Isolator	Argodiode 140-3AC 3 batteries 140A	ARG140301020 (R)	60 x 120 x 150	✓	1,1	97,00 €	115,43 €
	Argodiode 160-2AC 2 batteries 160A	ARG160201020	60 x 120 x 150	✓	1,1	92,00 €	109,48 €
	Argodiode 180-3AC 3 batteries 180A	ARG180301020	60 x 120 x 200	✓	1,5	112,00 €	133,28 €
FET Isolators with alternator energize input							
	Argofet 100-2 Two batteries 100A	ARG100201020 (R)	65 x 120 x 200	✓	1,4	102,00 €	121,38 €
Cyrix-ct 12/24V-120A	Argofet 100-3 Three batteries 100A	ARG100301020 (R)	65 x 120 x 200	✓	1,4	117,00 €	139,23 €
	Argofet 200-2 Two batteries 200A	ARG200201020 (R)	65 x 120 x 200	✓	1,4	122,00 €	145,18 €
	Argofet 200-3 Three batteries 200A	ARG200301020 (R)	65 x 120 x 200	✓	1,4	143,00 €	170,17 €
Microprocessor controlled battery combiner/isolators							
	Cyrix-ct 12/24V-120A intelligent combiner	CYR010120011 (R)	46 x 46 x 80	✓	0,11	45,00 €	53,55 €
Cyrix-ct 12/24V-230A	Cyrix-ct 12/24V-120A Battery combiner kit	CYR010120110R	46 x 46 x 80	✓	0,11	90,00 €	107,10 €
	Cyrix-ct 12/24V-230A intelligent combiner	CYR010230010 (R)	65 x 100 x 50	✓	0,3	112,00 €	133,28 €
	Cyrix-i 12/24V-400A intelligent combiner	CYR010400000	78 x 102 x 110	✓	0,9	239,00 €	284,41 €
	Cyrix-i 24/48V-400A intelligent combiner	CYR020400000	78 x 102 x 110	✓	0,9	239,00 €	284,41 €
Cyrix-i 24/48V-400A							
Diode Battery Combiner							
	BCD 402 2 batteries 40A	BCD000402000	60 x 120 x 75	✓	0,6	44,00 €	52,36 €
	BCD 802 2 batteries 80A	BCD000802000	60 x 120 x 75	✓	0,8	54,00 €	64,26 €
Battery Protection							
	Battery balancer	BBA000100100	100 x 113 x 47	✓	0,6	67,00 €	79,73 €
Battery balancer	BatteryProtect 12/24V 65A	BPR000065400	40 x 48 x 106	✓	0,2	41,00 €	48,79 €
	BatteryProtect 12/24V 100A	BPR000100400	59 x 42 x 115	✓	0,6	60,00 €	71,40 €
	BatteryProtect 12/24V 220A	BPR00220400	62 x 123 x 120	✓	0,8	99,00 €	117,81 €
	BatteryProtect 48V 100A	BPR048100400	62 x 123 x 120	✓	0,8	135,00 €	160,65 €
	Smart BatteryProtect 12/24V 65A	BPR065022000	40 x 48 x 106	✓	0,2	61,00 €	72,59 €
Smart BatteryProtect	Smart BatteryProtect 12/24V 100A	BPR110022000	59 x 42 x 115	✓	0,6	80,00 €	95,20 €
	Smart BatteryProtect 12/24V 220A	BPR122022000	62 x 123 x 120	✓	0,8	119,00 €	141,61 €
	Smart BatteryProtect 48V 100A	BPR110048000	62 x 123 x 120	✓	0,8	155,00 €	184,45 €

SOLAR CHARGE CONTROLLERS						Netto	Brutto
				€			
	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						
	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-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 PWM DUO 12/24V-20A	SCC010020000	76 x 153 x 37	√	0,20	101,00 €	120,19 €
	Remote Panel for BlueSolar DUO	SCC900200000	49 x 113 x 113	√	0,21	65,00 €	77,35 €
	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 100/30 (12/24V-30A)	SCC010030200	130 x 186 x 70	√	1,3	200,00 €	238,00 €
	BlueSolar MPPT 100/50 (12/24V-50A)	SCC010050200	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 150/70						
	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-20A)	SCC110020060R	100 x 113 x 47	√	0,7	160,00 €	190,40 €
	SmartSolar MPPT 100/20_48V (48V-20A)	SCC110020160R	100 x 113 x 50	√	0,7	170,00 €	202,30 €
	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 (12/24/48V-85A)	SCC115085211	216 x 295 x 103	√	4,5	700,00 €	833,00 €
	SmartSolar MPPT 150/85-MC4 (12/24/48V-85A)	SCC115085311	216 x 295 x 103	√	4,5	700,00 €	833,00 €
	SmartSolar MPPT 150/100-Tr (12/24/48V-100A)	SCC115110211	216 x 295 x 103	√	4,5	800,00 €	952,00 €
	SmartSolar MPPT 150/100-Tr VE.CAN (12/24/48V-100A)	SCC115110410	216 x 295 x 103	√ ★	4,5	850,00 €	1.011,50 €
	SmartSolar MPPT 150/100-MC4 (12/24/48V-100A)	SCC115110311	216 x 295 x 103	√	4,5	800,00 €	952,00 €
	SmartSolar MPPT 250/60-Tr	SCC125060210	200 x 250 x 95	√	3,0	650,00 €	773,50 €
	SmartSolar MPPT 250/60-MC4	SCC125060310	200 x 250 x 95	√	3,0	650,00 €	773,50 €
	SmartSolar MPPT 250/70-Tr	SCC125070210	200 x 250 x 95	√	3,0	750,00 €	892,50 €
	SmartSolar MPPT 250/70-MC4	SCC125070310	200 x 250 x 95	√	3,0	750,00 €	892,50 €
	SmartSolar MPPT 250/85-Tr	SCC125085210	216 x 295 x 103	√	4,5	850,00 €	1.011,50 €
	SmartSolar MPPT 250/85-MC4	SCC125085310	216 x 295 x 103	√	4,5	850,00 €	1.011,50 €
	SmartSolar MPPT 250/100-Tr	SCC125110210	216 x 295 x 103	√	4,5	950,00 €	1.130,50 €
	SmartSolar MPPT 250/100-MC4	SCC125110310	216 x 295 x 103	√	4,5	950,00 €	1.130,50 €
	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 (short range up to 3m)	SBS050100200		√		30,00 €	35,70 €
	Smart Battery Sense (long range up to 10m)	SBS050150200		√		40,00 €	47,60 €
	Smart Battery Sense						
	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-XL Tr (for Tr models, h=216mm)	SCC950400200		√		30,00 €	35,70 €
	WireBox-XL MC4 (for MC4 models, h=216mm)	SCC950400300		√		30,00 €	35,70 €

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BATTERIES							Netto	Brutto
AGM Deep Cycle (C20 capacity)							ohne MwSt.	inkl. MwSt.
		lxwxh	⊥	±	kg	CCA @ 0°F RES CAP @ 80°F		
	6V/240Ah AGM Deep Cycle Batt.	BAT406225084	320 x 176 x 247	√	√	31,0	315,00 €	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	154,00 €	183,26 €
	12V/66Ah AGM Deep Cycle Batt.	BAT412600084	258 x 166 x 235	√	√	24,0	212,00 €	252,28 €
	12V/90Ah AGM Deep Cycle Batt.	BAT412800084	350 x 167 x 183	√	√	27,0	228,00 €	271,32 €
	12V/110Ah AGM Deep Cycle Batt.	BAT412101084	330 x 171 x 220	√	√	32,0	257,00 €	305,83 €
	12V/130Ah AGM Deep Cycle Batt.	BAT412121084	410 x 176 x 227	√	√	38,0	336,00 €	399,84 €
	12V/165Ah AGM Deep Cycle Batt.	BAT412151084	485 x 172 x 240	√	√	47,0	426,00 €	506,94 €
	12V/220Ah AGM Deep Cycle Batt.	BAT412201084	522 x 238 x 240	√	√	65,0	520,00 €	618,80 €
	AGM deep cycle with threaded insert terminals							
	12V/90Ah AGM Deep Cycle Batt. (M6)	BAT412800085	350 x 167 x 183	√	√	27,0	228,00 €	271,32 €
	12V/110Ah AGM Deep Cycle Batt. (M8)	BAT412101085	330 x 171 x 220	√	√	32,0	285,00 €	339,15 €
	12V/130Ah AGM Deep Cycle Batt. (M8)	BAT412121085	410 x 176 x 227	√	√	38,0	336,00 €	399,84 €
	12V/165Ah AGM Deep Cycle Batt. (M8)	BAT412151085	485 x 172 x 240	√	√	47,0	426,00 €	506,94 €
	12V/220Ah AGM Deep Cycle Batt. (M8)	BAT412201085	522 x 238 x 240	√	√	65,0	520,00 €	618,80 €
	12V/240Ah AGM Deep Cycle Batt. (M8)	BAT412124081	522 x 240 x 224	√	√	67,0	530,00 €	630,70 €
	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	161,00 €	191,59 €
	12V/100Ah AGM Super Cycle Batt. (M6)	BAT412110081	260 x 168 x 215	√		25,0	300,00 €	357,00 €
	12V/125Ah AGM Super Cycle Batt. (M8)	BAT412112081	330 x 171 x 214	√		34,0	377,00 €	448,63 €
	12V/170Ah AGM Super Cycle Batt. (M8)	BAT412117081	336 x 172 x 280	√		45,0	475,00 €	565,25 €
	12V/230Ah AGM Super Cycle Batt. (M8)	BAT412123081	532 x 207 x 218	√		61,0	650,00 €	773,50 €
	AGM deep cycle telecom battery with threaded insert terminals							
	12V/115Ah AGM Telecom Batt. (M8)	BAT412105164	395 x 110 x 293	√	√	35,0	314,00 €	373,66 €
	12V/165Ah AGM Telecom Batt. (M8)	BAT412151164	548 x 105 x 316	√	√	49,0	439,00 €	522,41 €
	12V/200Ah AGM Telecom Batt. (M8)	BAT412181164	546 x 125 x 323	√	√	59,0	500,00 €	595,00 €
	GEL Deep Cycle (C20 capacity)							
	12V/60Ah Gel Deep Cycle Batt.	BAT412550104	229 x 138 x 227	√		19,0	177,00 €	210,63 €
	12V/66Ah Gel Deep Cycle Batt.	BAT412600104	258 x 166 x 235	√		24,0	221,00 €	262,99 €
	12V/90Ah Gel Deep Cycle Batt.	BAT412800104	350 x 167 x 183	√	√	26,0	233,00 €	277,27 €
	12V/110Ah Gel Deep Cycle Batt.	BAT412101104	330 x 171 x 220	√	√	33,0	290,00 €	345,10 €
	12V/130Ah Gel Deep Cycle Batt.	BAT412121104	410 x 176 x 227	√	√	38,0	340,00 €	404,60 €
	12V/165Ah Gel Deep Cycle Batt.	BAT412151104	485 x 172 x 240	√	√	48,0	437,00 €	520,03 €
	12V/220Ah Gel Deep Cycle Batt.	BAT412201104	522 x 238 x 240	√	√	66,0	535,00 €	636,65 €
	12V/265Ah Gel Deep Cycle Batt. (M8)	BAT412126101	520 x 268 x 233	√	√	75,0	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							Height includes poles
	RES CAP @ 80°F: Reserve Capacity at 80°F / 27°C							

TUBULAR PLATE BATTERIES							Netto	Brutto
GEL OPzV tubular plate 2V cells (C10 capacity)*							ohne MwSt.	inkl. MwSt.
						€		
	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

2020-Q1



SOLAR PANELS				kg	Netto	Brutto	
					ohne MwSt.	inkl. MwSt.	
		lxwxh	€	kg	Zellenzahl		
	20W-12V Mono 440x350x25mm series 4a*	SPM040201200	440 x 350 x 25 ✓	1,9	36	31,00 €	36,89 €
	30W-12V Mono 430x545x25mm series 3a*	SPM030301200	430 x 545 x 25 ✓	2,5	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 1015x668x30 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	149,00 €	177,31 €
	215W-24V Mono 1580x808x35mm series 4a	SPM042152400	1580 x 808 x 35 ✓	15,0	72	229,00 €	272,51 €
	305W-24V Mono 1640x992x35mm series 4a	SPM043052400	1640 x 992 x 35 ✓	18,4	72	260,00 €	309,40 €
360W-24V Mono 1956x992x40mm series 4a	SPM043602400	1956 x 992 x 40 ✓	22,5	72	308,00 €	366,52 €	
	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 €
	50W-12V Poly 540x670x35mm series 3a*	SPP030501210	540 x 670 x 35 ✓	5,7	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	138,00 €	164,22 €
	260W-20V Poly 1640x992x40mm series 3b	SPP032602000	1650 x 992 x 40 ✓	20,3	60	172,00 €	204,68 €
	270W-20V Poly 1640x992x35mm series 4a	SPP042702000	1640 x 992 x 35 ✓★	18,4	60	200,00 €	238,00 €
	330W-24V Poly 1956x992x40mm series 4a	SPP043302400	1956 x 992 x 40 ✓★	28,0	72	240,00 €	285,60 €
*without connection cable and MC4 connector							
SOLAR CABLES							
	Solar Cable (4 mm ²) 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 Cable (6 mm ²) 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 adapter cable MC4 male to MC3 female, length 15 cm	SCA500100000				10,00 €	11,90 €
	Solar adapter cable MC4 female to MC3 male, length 15 cm	SCA500200000				10,00 €	11,90 €
	Solar splitter pair MC4-Y, 1x M-2F / 1xF-2M	SCA520500000				26,00 €	30,94 €
	Solar connector pair MC4, 1x Male/1x Female	SCA520300000				9,00 €	10,71 €
LITHIUM (LiFePO4) BATTERIES							
	Lithium battery 12,8V/60Ah - Smart	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		1.210,00 €	1.439,90 €
	Lithium battery 12,8V/150Ah - Smart	BAT512115610	321 x 152 x 237 ✓	20,0		1.732,00 €	2.061,08 €
	Lithium battery 12,8V/200Ah-a Smart	BAT512120610	321 x 152 x 237 ✓	22,0		2.253,00 €	2.681,07 €
	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 €
	Battery Management System VE.Bus BMS (includes AC detector)	BMS300200000	105 x 72 x 30 ✓	0,1		120,00 €	142,80 €
	miniBMS	BMS400100000	106 x 43 x 23 ✓			50,00 €	59,50 €
	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-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 €
	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 €
	Battery Management System 12/200	BMS012201000	65 x 120 x 260 ✓	1,8		242,00 €	287,98 €
Cables with M8 circular connector (for Li-ion batteries): see DATA CABLES							
	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 €
	Victron Peak Power Pack 12,8V/8Ah 102Wh	PPP012008000	190 x 172 x 92 ✓	2,2		170,00 €	202,30 €
	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 12,8V/20Ah (M5)	BAT512020705	181 x 77 x 167 ✓	3,5		280,00 €	333,20 €
	Lithium Super Pack 12,8V/60Ah (M6)	BAT512060705	229 x 138 x 213 ✓	9,5		600,00 €	714,00 €
	Lithium Super Pack 12,8V/100Ah (M8)	BAT512110705	330 x 171 x 220 ✓	15,0		1.100,00 €	1.309,00 €
	Lithium Super Pack 12,8V/200Ah (M8)	BAT512120705	520 x 269 x 208 ✓	32,0		2.200,00 €	2.618,00 €
	Lithium Super Pack 25,6V/50Ah (M8)	BAT524050705	395 x 110 x 286 ✓	16,0		1.400,00 €	1.666,00 €

APPENDIX	12V AND 24V INVERTERS: ALTERNATIVE OUTLETS			kg	Netto	Brutto	
	230VAC/50Hz Sinewave	hxwxd	€	kg	ohne MwSt.	inkl. MwSt.	
	Phoenix 12/250 VE.Direct IEC	PIN122510100	86 x 165 x 260	√	2,4	96,00 €	114,24 €
	Phoenix 12/250 VE.Direct AU/NZ (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 (BS 1363)	PIN123750400	86 x 165 x 260	√	3,0	124,00 €	147,56 €
	Phoenix 12/500 IEC	PIN125010100	86 x 172 x 275	√	3,9	180,00 €	214,20 €
	Phoenix 12/500 AU/NZ outlet (AS/NZS 3112)	PIN125010300	86 x 172 x 275	√	3,9	180,00 €	214,20 €
	Phoenix 12/500 UK outlet (BS 1363)	PIN125010400	86 x 172 x 275	√	3,9	180,00 €	214,20 €
	Phoenix 12/800 VE.Direct IEC	PIN121800100	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	410,00 €	487,90 €
	Phoenix 12/1200 AU/NZ outlet (AS/NZS 3112)	PIN121220300	104 x 194 x 305	√	8,5	410,00 €	487,90 €
	Phoenix 12/1200 UK outlet (BS 1363)	PIN121220400	104 x 194 x 305	√	8,5	410,00 €	487,90 €
	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	180,00 €	214,20 €
	Phoenix 24/500 VE.Direct AU/NZ outlet (AS/NZS 3112)	PIN248010300	86 x 172 x 275	√	3,9	180,00 €	214,20 €
	Phoenix 24/500 VE.Direct UK outlet (BS 1363)	PIN248010400	86 x 172 x 275	√	3,9	180,00 €	214,20 €
	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	410,00 €	487,90 €
	Phoenix 24/1200 VE.Direct AU/NZ outlet (AS/NZS 3112)	PIN242120300	117 x 232x 327	√	7,4	410,00 €	487,90 €
	Phoenix 24/1200 VE.Direct UK (BS 1363)	PIN242120400	117 x 232x 327	√	7,4	410,00 €	487,90 €
	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	137,00 €	163,03 €
	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 ohne MwSt.	Brutto inkl. MwSt.		
	hxwxd	€				
1 output, natural convection cooling. With BS 1363 plug (UK)						
Blue Smart IP65 Charger 12/4 + DC connector	BPC120431024R	47 x 95 x 190	√	0,9	75,00 €	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 24/8 + DC connector	BPC240831024R	60 x 105 x 190	√	0,9	150,00 €	178,50 €
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	140,00 €	166,60 €
Blue Smart IP22 Charger 12/15 (3)	BPC121544022	235 x 108 x 65	√	1,4	160,00 €	190,40 €
Blue Smart IP22 Charger 12/20 (1)	BPC122042022	235 x 108 x 65	√	1,4	168,00 €	199,92 €
Blue Smart IP22 Charger 12/20 (3)	BPC122044022	235 x 108 x 65	√	1,4	190,00 €	226,10 €
Blue Smart IP22 Charger 12/30 (1)	BPC123042022	235 x 108 x 65	√	1,4	200,00 €	238,00 €
Blue Smart IP22 Charger 12/30 (3)	BPC123044022	235 x 108 x 65	√	1,4	227,00 €	270,13 €
Blue Power IP22 Charger 24/16 (1)	BPC241642022	235 x 108 x 65	√	1,4	205,00 €	243,95 €
Blue Power IP22 Charger 24/16 (3)	BPC241644022	235 x 108 x 65	√	1,4	233,00 €	277,27 €
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 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 €
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	200,00 €	238,00 €
Blue Smart IP22 Charger 12/30 (3)	BPC123044012	235 x 108 x 65	√	1,4	227,00 €	270,13 €
Blue Power IP22 Charger 24/16 (1)	BPC241642012	235 x 108 x 65	√	1,4	205,00 €	243,95 €
Blue Power IP22 Charger 24/16 (3)	BPC241644012	235 x 108 x 65	√	1,4	233,00 €	277,27 €
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	143,00 €	170,17 €
Blue Smart IP67 Charger 12/25 (1)	BPC122513016	99 x 219 x 65	√	2,4	186,00 €	221,34 €
Blue Smart IP67 Charger 24/12 (1)	BPC241213016	99 x 219 x 65	√	2,4	186,00 €	221,34 €
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 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 €

2020-Q1

SOLARA®
module. komponenten. systeme

Artikel		kg	Netto ohne MwSt.	Brutto inkl. MwSt.
Solarmodul S-Serie Standart-Solarmodul				
S325M36 Ultra Solarmodul mit Alurahmen (80Wp)	1500 x 350 x 40	7,5	394,12 €	469,00 €
S445M45 Ultra Solarmodul mit Alurahmen (110Wp)	1250 x 557 x 40	7,9	268,07 €	319,00 €
S640P36 Ultra Solarmodul mit Alurahmen (160Wp)	1500 x 680 x 40	12,1	335,29 €	399,00 €
Solarmodule S-Serie Vision sehr robust und begehbar durch Glas/Glas-Verbund				
S450P36 Vision Solarmodul mit Alurahmen (110Wp)	1252 x 557 x 40	7,9	293,28 €	349,00 €
S600P36 Vision Solarmodul mit Alurahmen (150Wp)	1520 x 672 x 40	9,9	360,50 €	429,00 €
Solarmodule Power S-Serie mit schwarzem Aluminiumrahmen Backcontact Solarzelle Monocrystalline				
S480M36 Ultra mit Black-Kontakt-Zelle 120Wp	1237 x 557 x 40		553,78 €	659,00 €
S625M44 Ultra mit Black-Kontakt-Zelle 150Wp	1500 x 557 x 40		646,22 €	769,00 €
Solarmodule M-Serie semiflexibel auf Aluminium-Sandwich-Platte				
S50P36 Marinemodul, leicht biegsam 12Wp	431 x 243 x 3	0,9	242,86 €	289,00 €
S110P42 Marinemodul, leicht biegsam 27Wp	464 x 481 x 3	1,7	318,49 €	379,00 €
S170P43 Marinemodul, leicht biegsam 12Wp	645 x 481 x 3	2,2	394,12 €	469,00 €
S220P43 Marinemodul, leicht biegsam 55Wp	844 x 481 x 3	2,8	511,76 €	608,99 €
S320P41 Marinemodul, leicht biegsam 80Wp	798 x 695 x 3	3,7	637,82 €	759,01 €
Solarmodule Power M-Serie semiflexibel Backcontact Solarzelle Monocrystalline				
S440M31 Marinemodul, leicht biegsam 100Wp	1120 x 545 x 4	4,0	621,01 €	
S440M34 Marinemodul, leicht biegsam 110Wp	990 x 660 x 4	4,2	730,25 €	869,00 €
S440M34/S Marinemodul, leicht biegsam 110Wp	990 x 660 x 4	4,2	730,25 €	
S460M35 Marinemodul, leicht biegsam 115Wp	1250 x 545 x 4	4,4	738,66 €	879,01 €
S560M43 Marinemodul, leicht biegsam 140Wp	1500 x 545 x 4	5,2	839,50 €	999,01 €
S560M43/S Marinemodul, leicht biegsam 140Wp	1500 x 545 x 4	5,2	839,50 €	999,01 €
Solarmodule Power Mobil-Serie Textileifassung, semiflexibel mit Backcontact Solarzelle Modul annehmbar bei Mobil Plus				
S408M32 mobil (Mobiles Solarmodul, Bauart wie M-Serie) 102Wp	1342 x 628 x 6		721,85 €	859,00 €
S409M32 mobil plus (S408M32, integriert in Verdunklungsmatte für VW T5/T6)			755,46 €	899,00 €
S409M32 mobil plus (S408M32, integriert in Verdunklungsmatte für Fiat Ducato ab Bj. 2006)			881,51 €	1.049,00 €
S409M32 mobil plus (S408M32, integriert in Verdunklungsmatte für MB Vito, ab Bj. 2014)			881,51 €	1.049,00 €
S409M32 mobil plus (S408M32, integriert in Verdunklungsmatte für MB Sprinter ab Bj. 2014)			881,51 €	1.049,00 €