

## Power-Trax.de

Sonderfahrzeugbau - Technischer Spezialvertrieb

<http://www.power-trax.de>

info @ power-trax.de

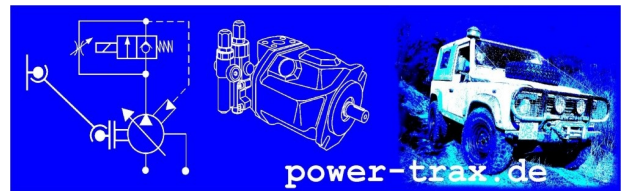
Tel.: +49 - (0)906 / 9999 849-17

Mobil: +49 - (0)163 / 4321 435

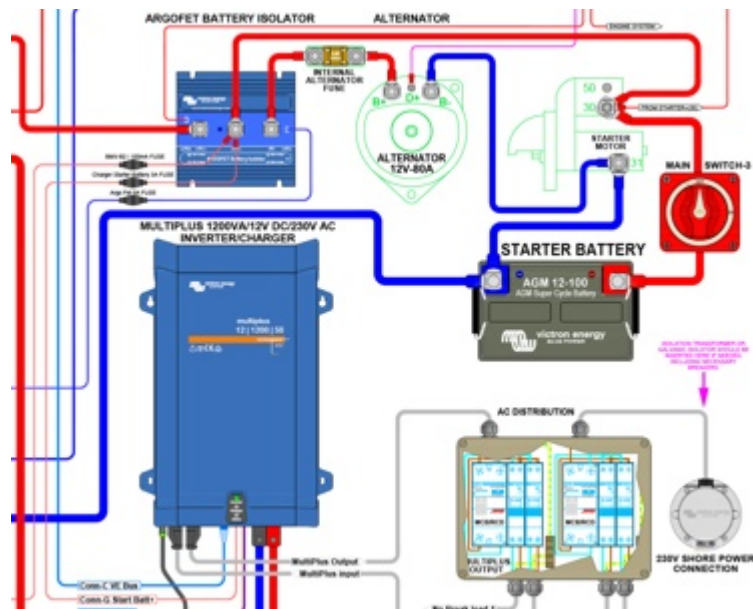
Fax: +49 - (0)906 / 9999 849-18

Dietrich-Bonhoeffer-Str. 28

D-86609 Donauwoerth



## Preisliste VICTRON ENERGY Bordnetzkomponenten Q2-2020








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









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	171,00 €	203,49 €
	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	171,00 €	203,49 €
	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	695,00 €	827,05 €
	Phoenix Inverter C 12/2000	CIN122020000	520 x 255 x 125	√	√	√	13,0	872,00 €	1.037,68 €
	Phoenix Inverter 12/2000 Smart	PIN122200000	485 x 219 x 125	√	√	√	13,0	785,00 €	934,15 €
	Phoenix Inverter 12/3000	PIN123020000	362 x 258 x 218	√	√	√	18,0	1.236,00 €	1.470,84 €
	Phoenix Inverter 12/3000 Smart	PIN122300000	540 x 276 x 152	√	√		18,0	<b>1.056,00 €</b>	<b>1.256,64 €</b>
	Phoenix Inverter C 24/1200	CIN241220000	375 x 214 x 110	√	√	√	10,0	633,00 €	753,27 €
	Phoenix Inverter C 24/1600	CIN241620000	375 x 214 x 110	√	√	√	10,0	772,00 €	918,68 €
	Phoenix Inverter 24/1600 Smart	PIN242160000	485 x 219 x 125	√	√	√	12,0	695,00 €	827,05 €
	Phoenix Inverter C 24/2000	CIN242020000	520 x 255 x 125	√	√	√	13,0	872,00 €	1.037,68 €
	Phoenix Inverter 24/2000 Smart	PIN242200000	485 x 219 x 125	√	√	√	13,0	785,00 €	934,15 €
	Phoenix Inverter 24/3000	PIN243020000	362 x 258 x 218	√	√	√	18,0	1.236,00 €	1.470,84 €
	Phoenix Inverter 24/3000 Smart	PIN242300000	487 x 286 x 152	√	√	√	18,0	<b>1.056,00 €</b>	<b>1.256,64 €</b>
	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 €
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	695,00 €	827,05 €
Phoenix Inverter 48/2000 Smart		PIN482200000	485 x 219 x 125	√			13,0	785,00 €	934,15 €
Phoenix Inverter 48/3000		PIN483020000	362 x 258 x 218	√		√	18,0	1.112,00 €	1.323,28 €
Phoenix Inverter 48/3000 Smart		PIN482300000	487 x 286 x 152	√		√	18,0	950,00 €	1.130,50 €
Phoenix Inverter 48/5000		PIN485020000	444 x 328 x 240	√		√	28,0	1.575,00 €	1.874,25 €
<b>Inverter RS 48/6000 230V Smart Solar</b>		<b>PIN482601000</b>	<b>424 x 440 x 125</b>	<b>√</b>	<b>★</b>		<b>11,0</b>	<b>Juni 2.300,00 €</b>	<b>2.737,00 €</b>









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








## INVERTER/CHARGERS

230VAC/50Hz Sinewave











	MultiPlus 12/500/20-16	CMP125010000	311 x 182 x 100	✓	✓	✓	4,4	410,00 €	487,90 €	
	MultiPlus 12/800/35-16	PMP121800000	360 x 240 x 100	✓	✓	✓	6,4	509,00 €	605,71 €	
	MultiPlus 12/1200/50-16	PMP122120000	406 x 250 x 100	✓	✓	✓	8,2	710,00 €	844,90 €	
	MultiPlus 12/1600/70-16	PMP122160000	465 x 270 x 120	✓	✓	✓	10,0	806,00 €	959,14 €	
	MultiPlus C 12/800/35-16	CMP128010000	375 x 214 x 110	✓	✓	✓	10,0	736,00 €	875,84 €	
	MultiPlus C 12/1200/50-16	CMP121220000	375 x 214 x 110	✓	✓	✓	10,0	921,00 €	1.095,99 €	
	MultiPlus C 12/1600/70-16	CMP121620000	375 x 214 x 110	✓	✓	✓	10,0	942,00 €	1.120,98 €	
	MultiPlus C 12/2000/80-30	CMP122020000	520 x 255 x 125	✓	✓	✓	13,0	1.177,00 €	1.400,63 €	
	MultiPlus 12/3000/120-16	PMP123020000	362 x 258 x 218	✓	✓	✓	18,0	1.454,00 €	1.730,26 €	
	MultiPlus 12/3000/120-50	PMP123021010	362 x 258 x 218	✓	✓	✓	18,0	1.570,00 €	1.868,30 €	
	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	410,00 €	487,90 €	
	MultiPlus 24/800/16-16	PMP241800000	360 x 240 x 100	✓	✓	✓	6,4	509,00 €	605,71 €	
	MultiPlus 24/1200/25-16	PMP242120000	406 x 250 x 100	✓	✓	✓	8,2	710,00 €	844,90 €	
	MultiPlus 24/1600/40-16	PMP242160000	465 x 270 x 120	✓	✓	✓	10,0	806,00 €	959,14 €	
	MultiPlus C 24/800/16-16	CMP248010000	375 x 214 x 110	✓	✓	✓	10,0	736,00 €	875,84 €	
	MultiPlus C 24/1200/25-16	CMP241220000	375 x 214 x 110	✓	✓	✓	10,0	921,00 €	1.095,99 €	
	MultiPlus C 24/1600/40-16	CMP241620000	375 x 214 x 110	✓	✓	✓	10,0	942,00 €	1.120,98 €	
	MultiPlus C 24/2000/50-30	CMP242200000	520 x 255 x 125	✓	✓	✓	13,0	1.177,00 €	1.400,63 €	
	MultiPlus 24/3000/70-16	PMP243020001	362 x 258 x 218	✓	✓	✓	18,0	1.454,00 €	1.730,26 €	
	MultiPlus 24/3000/70-50	PMP243021010	362 x 258 x 218	✓	✓	✓	18,0	1.570,00 €	1.868,30 €	
	Multiplus-II 24/3000/70-35	PMP242305010	499 x 268 x 141	✓	✓	★	19,0	1.342,00 €	1.596,98 €	
	MultiPlus 24/5000/120-100	PMP245021010	444 x 328 x 240	✓	✓	✓	30,0	2.326,00 €	2.767,94 €	
	Quattro 24/3000/70-50/30	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 24/8000/220-100/100	QUA248020010	470 x 350 x 280	✓	✓	✓	41,0	3.623,00 €	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	1.701,00 €	2.024,19 €	
	MultiPlus-II 48/5000/70-50 GX	PMP482506000	560 x 320 x 141	✓	✓	✓	29,0	2.001,00 €	2.381,19 €	
	Current Transformer 100A:50mA for Multiplus-II	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 €	
	<b>INVERTER/CHARGERS OPTIMISED FOR SELF CONSUMPTION / HOME STORAGE</b>									
		MultiGrid 24/3000/70-50	PMP243024000	362 x 258 x 218	✓	✓	✓	18,0	<b>954,00 €</b>	<b>1.135,26 €</b>
		EasySolar 12/1600/70-16 MPPT 100/50	CEP121621000	745 x 214 x 110	✓	✓	✓	12,0	1.380,00 €	1.642,20 €
		EasySolar 24/1600/40-16 MPPT 100/50	CEP241621010	745 x 214 x 110	✓	✓	✓	12,0	1.380,00 €	1.642,20 €
		EasySolar 24/3000/70 MPPT 150/70 ColorControl	PMP243027010	810 x 258 x 218	✓	✓	✓	28,0	2.025,00 €	2.409,75 €
		EasySolar-II 48/3000/35-32 MPPT 250/70 GX	PMP482307010	499 x 268 x 237	✓	✓	✓	26,0	2.025,00 €	2.409,75 €
		EasySolar 48/5000/70-100 MPPT 150/100 Color Cont	PMP485027010	877 x 328 x 241	✓	✓	✓	48,0	3.270,00 €	3.891,30 €

						kg	Netto	Brutto
						kg	ohne MwSt.	inkl. MwSt.
<b>INVERTERS 120VAC</b>								
<b>120VAC/60Hz Sinewave</b>								
			hxwx d	c €	e	VEI		
	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	171,00 €	203,49 €
	Phoenix 12/800 VE.Direct NEMA 5-15R socket	PIN121800500	105 x 216 x 305	✓		5,5	280,00 €	333,20 €
	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	369,00 €	439,11 €
	NEMA 5-15R							
	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	171,00 €	203,49 €
	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 Inverter 24/3000							
	Phoenix 48/250 VE.Direct NEMA 5-15R socket	PIN482510500	86 x 165 x 260	✓		2,4	112,00 €	133,28 €
	Phoenix 48/375 VE.Direct NEMA 5-15R socket	PIN483750500	86 x 165 x 260	✓		3,0	140,00 €	166,60 €
	Phoenix 48/500 VE.Direct NEMA 5-15R socket	PIN485010500	86 x 165 x 260	✓		3,9	202,00 €	240,38 €
	Phoenix 48/800 VE.Direct NEMA 5-15R socket	PIN481800500	105 x 216 x 305	✓		5,5	300,00 €	357,00 €
	Phoenix 48/1200 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 €
<b>INVERTER/CHARGERS 120VAC</b>								
<b>120VAC/60Hz Sinewave</b>								
	MultiPlus							
	MultiPlus C 12/2000/80-50 120V	CMP122200100	520 x 255 x 125	✓	✓	13,0	1.177,00 €	1.400,63 €
	MultiPlus C 24/2000/50-50 120V	CMP242200100	520 x 255 x 125	✓	✓	13,0	1.177,00 €	1.400,63 €
	MultiPlus 12/3000/120-50 120V	PMP123021102	362 x 258 x 218	✓	✓	18,0	1.308,00 €	1.556,52 €
	MultiPlus 12/3000/120-50 120V (UL1741&458 certified)	PMP122301102	362 x 258 x 218	✓	✓	18,0	1.454,00 €	1.730,26 €
	Quattro 12/5000/200-100/100 120V	QUA125021100	470 x 350 x 280	✓	✓	34,0	3.442,00 €	4.095,98 €
	MultiPlus							
	MultiPlus 24/3000/70-50 120V	PMP243021102	362 x 258 x 218	✓	✓	18,0	1.308,00 €	1.556,52 €
	MultiPlus 24/3000/70-50 120V (UL1741&458 certified)	PMP242021102	362 x 258 x 218	✓	✓	18,0	1.454,00 €	1.730,26 €
	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 €
	Quattro							
<b>BLUE SMART BATTERY CHARGERS: IP 65 waterproof 120VAC</b>								
1 output, natural convection cooling. With NEMA 5-15R plug								
	Blue Smart IP65 Charger							
	Blue Smart IP65 Charger 12/5 + DC connector	BPC120531104R	47 x 95 x 190	✓		0,8	79,00 €	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 €
<b>BATTERY CHARGERS: waterproof 120VAC</b>								
120VAC/45-65Hz								
1 output. With NEMA 5-15R plug								
	Blue Smart IP67 Charger							
	Blue Smart IP67 Charger 12/7 (1)	BPC120715106	85 x 211 x 60	✓		1,8	105,00 €	124,95 €
	Blue Smart IP67 Charger 12/13 (1)	BPC121315106	85 x 211 x 60	✓		1,8	124,00 €	147,56 €
	Blue Smart IP67 Charger 12/17 (1)	BPC121715106	99 x 219 x 65	✓		2,4	136,00 €	161,84 €
	Blue Smart IP67 Charger 12/25 (1)	BPC122515106	99 x 219 x 65	✓		2,4	177,00 €	210,63 €
	Blue Smart IP67 Charger 24/5 (1)	BPC240515106	85 x 211 x 60	✓		1,8	105,00 €	124,95 €
	Blue Smart IP67 Charger 24/8 (1)	BPC240815106	99 x 219 x 65	✓		2,4	136,00 €	161,84 €
	Blue Smart IP67 Charger 24/12 (1)	BPC241215106	99 x 219 x 65	✓		2,4	177,00 €	210,63 €

				kg	Netto	Brutto	
<b>BATTERY CHARGERS Microprocessor controlled</b>					ohne MwSt.	inkl. MwSt.	
		hxwx	€	e	kg		
	180-265VAC/45-65Hz or 250-350VDC 1 output, natural convection cooling. With CEE 7/16 Plug (Europlug) <b>Automotive IP65 Charger 6V/12V-1,1A</b> (includes DC connector with clamps, eyelets and cigarette plug)	<b>IP65</b> BPC120180034R	42 x 61 x 185	✓	0,6	40,00 €	47,60 €
	<b>Automotive IP65 Charger 12V/4A-12V/1A</b> (includes DC connector with clamps, eyelets and cigarette plug)	BPC120480034R	42 x 61 x 185	✓	0,6	47,00 €	55,93 €
	<b>Blue Smart IP65s Charger 12/4 + DC connector</b>	BPC120433064R	45 x 81 x 182	✓	0,8	Auf Anfrage	Auf Anfrage
	<b>Blue Smart IP65s Charger 12/5 + DC connector</b>	BPC120533064R	45 x 81 x 182	✓	0,6	Auf Anfrage	Auf Anfrage
	<b>Blue Smart IP65 Charger 12/7 + DC connector</b>	BPC120731064R	47 x 95 x 190	✓	0,8	Auf Anfrage	Auf Anfrage
	<b>Blue Smart IP65 Charger 12/10 + DC connector</b>	BPC121031064R	60 x 105 x 190	✓	0,9	Auf Anfrage	Auf Anfrage
	<b>Blue Smart IP65 Charger 12/15 + DC connector</b>	BPC121531064R	60 x 105 x 190	✓	0,9	Auf Anfrage	Auf Anfrage
	<b>Blue Smart IP65 Charger 12/25 + DC connector</b>	BPC122531064	75 x 140 x 240	✓★	1,9	Auf Anfrage	Auf Anfrage
	<b>Blue Smart IP65 Charger 24/5 + DC connector</b>	BPC240531064R	47 x 95 x 190	✓	0,8	Auf Anfrage	Auf Anfrage
	<b>Blue Smart IP65 Charger 24/8 + DC connector</b>	BPC240831064R	60 x 105 x 190	✓	0,9	Auf Anfrage	Auf Anfrage
	<b>Blue Smart IP65 Charger 24/13 + DC connector</b>	BPC241331064	75 x 140 x 240	✓★	1,9	Auf Anfrage	Auf Anfrage
		Accessories for the the Blue Power IP65 Charger					
<b>M6 eyelet connector (with 30A ATO fuse)</b>		BPC900100004		✓		Auf Anfrage	Auf Anfrage
<b>M8 eyelet connector (with 30A ATO fuse)</b>		BPC900110014		✓		Auf Anfrage	Auf Anfrage
<b>MagCode Power Clip 12V (max. 15A)</b>		BPC900500014		✓		Auf Anfrage	Auf Anfrage
<b>2 meter extension cable</b>		BPC900200004		✓		Auf Anfrage	Auf Anfrage
<b>12 Volt plug (cigarette plug)</b>		BPC900300004		✓		Auf Anfrage	Auf Anfrage
<b>Clamp connector (with 30A ATO fuse)</b>		BPC900400004		✓		Auf Anfrage	Auf Anfrage
<b>Battery Indicator Panel (M8 eyelet connector / 30A)</b>		BPC900110114		✓		Auf Anfrage	Auf Anfrage
<b>Battery Indicator Eyelet (M8 eyelet / 30A ATO fuse)</b>		BPC900120114		✓		Auf Anfrage	Auf Anfrage
<b>Rubber bumper for IP65 Charger 12/10, 12/15, 24/8</b>		BPC920100100		✓		Auf Anfrage	Auf Anfrage
	<b>Wall Mount for IP65 Charger 12/10, 12/15, 24/8</b>	BPC920100200		✓		Auf Anfrage	Auf Anfrage
	<b>Carry Case for Blue Smart IP65 Chargers and acces</b>	BPC940100100	105 x 350 x 300	✓	0,9	Auf Anfrage	Auf Anfrage
	180-265VAC/45-65Hz or 250-350VDC 1 output or 3 outputs, fan assisted cooling. With CEE 7/7 Plug (Schuko)	<b>IP22</b>					
	<b>Blue Smart IP22 Charger 12/15 (1)</b>	BPC121542002	235 x 108 x 65	✓	1,4	133,00 €	158,27 €
	<b>Blue Smart IP22 Charger 12/15 (3)</b>	BPC121544002	235 x 108 x 65	✓	1,4	152,00 €	180,88 €
	<b>Blue Smart IP22 Charger 12/20 (1)</b>	BPC122042002	235 x 108 x 65	✓	1,4	159,00 €	189,21 €
	<b>Blue Smart IP22 Charger 12/20 (3)</b>	BPC122044002	235 x 108 x 65	✓	1,4	180,00 €	214,20 €
	<b>Blue Smart IP22 Charger 12/30 (1)</b>	BPC123042002	235 x 108 x 65	✓	1,4	190,00 €	226,10 €
	<b>Blue Smart IP22 Charger 12/30 (3)</b>	BPC123044002	235 x 108 x 65	✓	1,4	216,00 €	257,04 €
	<b>Blue Smart IP22 Charger 24/8 (1)</b>	BPC240842002	235 x 108 x 65	✓	1,4	133,00 €	158,27 €
	<b>Blue Smart IP22 Charger 24/12 (1)</b>	BPC241242002	235 x 108 x 65	✓	1,4	163,00 €	193,97 €
	<b>Blue Smart IP22 Charger 24/16 (1)</b>	BPC241642002	235 x 108 x 65	✓	1,4	195,00 €	232,05 €
	<b>Blue Smart IP22 Charger 24/16 (3)</b>	BPC241644002	235 x 108 x 65	✓	1,4	221,00 €	262,99 €
	<b>BATTERY CHARGERS: IP65 / IP67</b>						
	180-265VAC/45-65Hz 1 output. With CEE 7/7 Plug (Schuko)	<b>IP67</b>					
	<b>Blue Smart IP67 Charger 12/7 (1)</b>	BPC120713006	85 x 211 x 60	✓	1,8	105,00 €	124,95 €
	<b>Blue Smart IP67 Charger 12/13 (1)</b>	BPC121313006	85 x 211 x 60	✓	1,8	124,00 €	147,56 €
	<b>Blue Smart IP67 Charger 12/17 (1)</b>	BPC121713006	99 x 219 x 65	✓	2,4	136,00 €	161,84 €
	<b>Blue Smart IP67 Charger 12/25 (1)</b>	BPC122513006	99 x 219 x 65	✓	2,4	177,00 €	210,63 €
	<b>Blue Smart IP67 Charger 12/25 (1+Si)</b>	BPC122514006	99 x 219 x 65	✓	2,4	206,00 €	245,14 €
	<b>Blue Smart IP67 Charger 24/5 (1)</b>	BPC240513006	85 x 211 x 60	✓	1,8	105,00 €	124,95 €
	<b>Blue Smart IP67 Charger 24/8 (1)</b>	BPC240813006	99 x 219 x 65	✓	2,4	136,00 €	161,84 €
	<b>Blue Smart IP67 Charger 24/12 (1)</b>	BPC241213006	99 x 219 x 65	✓	2,4	177,00 €	210,63 €
	<b>Blue Smart IP67 Charger 24/12 (1+Si)</b>	BPC241214006	99 x 219 x 65	✓	2,4	206,00 €	245,14 €
<b>See appendix for avibility of models with UK or AU/NZ plug</b>							
	200-265V AC/65-65Hz or 250-350VDC	<b>IP43</b>					
	<b>Phoenix Smart IP43 Charger 12/30 (1+1)</b>	PSC123051085	180 x 249 x 100	✓	3,5	380,00 €	452,20 €
	<b>Phoenix Smart IP43 Charger 12/30 (3)</b>	PSC123053085	180 x 249 x 100	✓	3,5	409,00 €	486,71 €
	<b>Phoenix Smart IP43 Charger 12/50 (1+1)</b>	PSC125051085	180 x 249 x 100	✓	3,5	485,00 €	577,15 €
	<b>Phoenix Smart IP43 Charger 12/50 (3)</b>	PSC125053085	180 x 249 x 100	✓	3,5	513,00 €	610,47 €
	<b>Phoenix Smart IP43 Charger 24/16 (1+1)</b>	PSC241651085	180 x 249 x 100	✓	3,5	380,00 €	452,20 €
	<b>Phoenix Smart IP43 Charger 24/16 (3)</b>	PSC241653085	180 x 249 x 100	✓	3,5	409,00 €	486,71 €
	<b>Phoenix Smart IP43 Charger 24/25 (1+1)</b>	PSC242551085	180 x 249 x 100	✓	3,5	485,00 €	577,15 €
	<b>Phoenix Smart IP43 Charger 24/25 (3)</b>	PSC242553085	180 x 249 x 100	✓	3,5	513,00 €	610,47 €
	<b>Mains Cord CEE 7/7 for Smart IP43 Charger 2m</b>	ADA010100100		✓		10,00 €	11,90 €
<b>Mains Cord UK for Smart IP43 Charger 2m</b>	ADA010100200		✓		10,00 €	11,90 €	
<b>Mains Cord AU/NZ for Smart IP43 Charger 2m</b>	ADA010100300		✓		10,00 €	11,90 €	

				kg	Netto	Brutto	
					ohne MwSt.	inkl. MwSt.	
<b>BATTERY CHARGERS: analog control</b>							
Universal input 90-265VAC/45-65Hz, or 90-400VDC							
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 €	
<b>BATTERY CHARGERS: microprocessor control</b>							
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 €
<b>BATTERY CHARGERS: microprocessor control</b>							
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			hxwd	€	e	kg	ohne MwSt.	inkl. MwSt.
	Shore Power Cords with Shore Power Organiser Bag							
	<b>Shore Power Cord 15m 16A</b>	SHP302501500		✓			150,00 €	178,50 €
	<b>Shore Power Cord 25m 16A</b>	SHP302502500		✓			204,00 €	242,76 €
	<b>Shore Power Cord 15m 25A</b>	SHP304001500		✓			193,00 €	229,67 €
	<b>Shore Power Cord 25m 32A</b>	SHP306002500		✓			377,00 €	448,63 €
	<b>Power Inlet 16A</b> polyamid with cover	SHP301603000 (R)		✓			58,00 €	69,02 €
	<b>Power Inlet 16A</b> stainless steel with cover	SHP301602000 (R)		✓			84,00 €	99,96 €
	<b>Power Inlet 32A</b> stainless steel with cover	SHP303202000		✓			111,00 €	132,09 €
	<b>Plug 16A/250Vac</b> (2p/3w) for Power Inlet 16A	SHP301604000		✓			67,00 €	79,73 €
	<b>Plug 32A/250Vac</b> (2p/3w) for Power Inlet 32A	SHP303204000		✓			91,00 €	108,29 €
	<b>Adapter Cord 16A/250V</b> Schuko/CEE	SHP307700220		✓			21,00 €	24,99 €
	<b>Adapter Cord 16A/250V</b> CEE/Schuko	SHP307700260		✓			20,00 €	23,80 €
	<b>Splitter Cord 16A/250V</b> CEE/2xCEE	SHP307700240		✓			68,00 €	80,92 €
	<b>Adapter Cord 16A to 32A/250V</b> CEE/CEE	SHP307700280		✓			30,00 €	35,70 €
	<b>Adapter Cord 32A</b> 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			hxwd	€	e	kg	ohne MwSt.	inkl. MwSt.
	<b>Isolation Trans. 2000W 115/230V</b>	ITR040202041	375 x 214 x 110	✓		10,0	494,00 €	587,86 €
	<b>Isolation Trans. 3600W 115/230V</b>	ITR040362041	362 x 258 x 218	✓		23,0	697,00 €	829,43 €
	<b>Isolation Trans. 7000W 230V</b>	ITR000702001	362 x 258 x 218	✓		26,0	907,00 €	1.079,33 €
	<b>Isolation Trans. 3600W Auto 115/230V</b> with automatic inputvoltage detection	ITR050362041	362 x 258 x 218	✓		23,0	785,00 €	934,15 €
	<b>Autotransformer 120/240VAC-32A</b>	ITR000100000	375 x 214 x 110	✓		10,0	561,00 €	667,59 €
	<b>Autotransformer 120/240VAC-100A</b> The ultimate solution for split phase installations	ITR000100100	425 x 214 x 110	✓		13,5	679,00 €	808,01 €
	<b>Galvanic Isolator VDI-16</b>	GDI000016000	60 x 120 x 200	✓		1,0	102,00 €	121,38 €
	<b>Galvanic Isolator VDI-32</b>	GDI000032000	63 x 164 x 235	✓		2,0	209,00 €	248,71 €
	<b>Galvanic Isolator VDI-64</b>	GDI000064000	64 x 164 x 224	✓		2,0	266,00 €	316,54 €

## DC-DC CONVERTERS

	Not isolated, resin encapsulated						
	<b>Orion IP67 24/12-5 (60W)</b>	ORI241205060	25 x 43 x 20	✓	0,1	24,00 €	28,56 €
	<b>Orion IP67 24/12-10 (120W)</b>	ORI241210060	74 x 74 x 32	✓	0,4	40,00 €	47,60 €
	<b>Orion IP67 24/12-20 (240W)</b>	ORI241220060	74 x 74 x 32	✓	0,5	52,00 €	61,88 €
	<b>Orion IP67 24/12-100 (1200W)</b>	ORI241221226	265 x 127 x 63	✓	2,2	250,00 €	297,50 €
	Not isolated						
	<b>Orion-Tr 24/12-5 (60W)</b>	ORI241205200R	53 x 51 x 27	✓	0,1	18,00 €	21,42 €
	<b>Orion-Tr 24/12-10 (120W)</b>	ORI241210200R	73 x 94 x 37	✓	0,2	36,00 €	42,84 €
	<b>Orion-Tr 24/12-15 (180W)</b>	ORI241215200R	73 x 94 x 45	✓	0,3	41,00 €	48,79 €
	<b>Orion-Tr 24/12-20 (240W)</b>	ORI241220200R	73 x 94 x 45	✓	0,3	46,00 €	54,74 €
	<b>Orion 24/12-25</b>	ORI241225020	65 x 88 x 160	✓	0,7	72,00 €	85,68 €
	<b>Orion 24/12-40</b>	ORI241240021	65 x 88 x 185	✓	0,9	102,00 €	121,38 €
	<b>Orion 24/12-70</b>	ORI241270020	65 x 88 x 195	✓	0,9	144,00 €	171,36 €
	<b>Orion 24/12-70 with binding posts</b>	ORI241270030	65 x 88 x 195	✓	0,9	144,00 €	171,36 €
		<b>Orion 12/24-8</b>	ORI122408020	45 x 90 x 115	✓	0,3	59,00 €
	<b>Orion 12/24-10</b>	ORI122410020	45 x 90 x 125	✓	0,4	72,00 €	85,68 €
	<b>Orion 12/24-20</b>	ORI122420020	65 x 88 x 195	✓	0,9	162,00 €	192,78 €
	<b>Orion IP67 12/24-50</b>	ORI122421226	340 x 127 x 63	✓	3,1	300,00 €	357,00 €
	<b>25A Buck-Boost DC/DC converter</b>	ORI303025000	165 x 120 x 30	✓	0,9	536,00 €	637,84 €
	<b>50A Buck-Boost DC/DC converter</b>	ORI303050000	213 x 120 x 30	✓	1,1	665,00 €	791,35 €
	<b>100A Buck-Boost DC/DC converter</b>	ORI303100000	288 x 165 x 50	✓	4,0	1.164,00 €	1.385,16 €
	<b>CAN-bus Temp. Sensor for Buck-Boost DC/DC conv.</b>	ASS000200100			★	130,00 €	154,70 €
	<b>Orion-Tr Smart 12/12-30A DC-DC charger</b>	ORI121236140	130 x 186 x 80	✓	1,8	224,00 €	266,56 €
	<b>Orion-Tr Smart 24/12-15A (360W) DC-DC charger</b>	ORI122436140	130 x 186 x 80	✓	1,8	224,00 €	266,56 €
	<b>Orion-Tr Smart 24/12-30A (360W) DC-DC charger</b>	ORI241236140	130 x 186 x 80	✓	1,8	224,00 €	266,56 €
	<b>Orion-Tr Smart 24/24-17A (400W) DC-DC charger</b>	ORI242440140	130 x 186 x 70	✓	1,6	224,00 €	266,56 €
	With galvanic isolation						
	<b>Orion-Tr 12/12-9A (110W)</b>	ORI121210110R	100 x 113 x 47	✓	0,6	66,00 €	78,54 €
	<b>Orion-Tr 12/12-18A (220W)</b>	ORI121222110	130 x 186 x 70	✓	1,3	119,00 €	141,61 €
	<b>Orion-Tr 12/12-30A (360W)</b>	ORI121240110	130 x 186 x 80	✓	1,8	220,00 €	261,80 €
	<b>Orion-Tr 12/24-5A (120W)</b>	ORI121240110	100 x 113 x 47	✓	0,6	66,00 €	78,54 €
	<b>Orion-Tr 12/24-10A (240W)</b>	ORI122424110	130 x 186 x 70	✓	1,3	119,00 €	141,61 €
	<b>Orion-Tr 12/24-15A (360W)</b>	ORI122441110	130 x 186 x 80	✓	1,8	220,00 €	261,80 €
	<b>Orion-Tr Smart 12/12-18A (220W) DC-DC charger</b>	ORI121222120	130 x 186 x 70	✓	1,3	167,00 €	198,73 €
	<b>Orion-Tr Smart 12/12-30A (360W) DC-DC charger</b>	ORI121236120	130 x 186 x 80	✓	1,8	268,00 €	318,92 €
	<b>Orion-Tr Smart 12/24-10A (240W) DC-DC charger</b>	ORI122424120	130 x 186 x 70	✓	1,3	167,00 €	198,73 €
	<b>Orion-Tr Smart 12/24-15A (360W) DC-DC charger</b>	ORI122436120	130 x 186 x 80	✓	1,8	268,00 €	318,92 €
	<b>Orion-Tr 24/12-9A (110W)</b>	ORI241210110R	100 x 113 x 47	✓	0,6	66,00 €	78,54 €
	<b>Orion-Tr 24/12-20A (240W)</b>	ORI241224110	130 x 186 x 70	✓	1,3	119,00 €	141,61 €
	<b>Orion-Tr 24/12-30A (360W)</b>	ORI241240110	130 x 186 x 70	✓	1,8	220,00 €	261,80 €
	<b>Orion-Tr 24/24-5A (120W)</b>	ORI242410110R	100 x 113 x 47	✓	0,6	66,00 €	78,54 €
	<b>Orion-Tr 24/24-12A (280W)</b>	ORI242428110	130 x 186 x 70	✓	1,3	119,00 €	141,61 €
	<b>Orion-Tr 24/24-17A (400W)</b>	ORI242441110	130 x 186 x 70	✓	1,6	220,00 €	261,80 €
	<b>Orion-Tr 24/48-2,5A (120W)</b>	ORI244810110	100 x 113 x 47	✓	0,6	66,00 €	78,54 €
	<b>Orion-Tr 24/48-6A (280W)</b>	ORI244828110	130 x 186 x 70	✓	1,3	119,00 €	141,61 €
	<b>Orion-Tr 24/48-8,5A (400W)</b>	ORI244841110	130 x 186 x 70	✓	1,6	220,00 €	261,80 €
		<b>Orion-Tr Smart 24/12-20A (240W) DC-DC charger</b>	ORI241224120	130 x 186 x 70	✓	1,3	167,00 €
	<b>Orion-Tr Smart 24/12-30A (360W) DC-DC charger</b>	ORI241236120	130 x 186 x 80	✓	1,8	268,00 €	318,92 €
	<b>Orion-Tr Smart 24/24-12A (280W) DC-DC charger</b>	ORI242428120	130 x 186 x 70	✓	1,3	167,00 €	198,73 €
	<b>Orion-Tr Smart 24/24-17A (400W) DC-DC charger</b>	ORI242440120	130 x 186 x 70	✓	1,6	268,00 €	318,92 €
	<b>Orion-Tr 48/12-9A (110W)</b>	ORI481210110	100 x 113 x 47	✓	0,6	66,00 €	78,54 €
	<b>Orion-Tr 48/12-20A (240W)</b>	ORI481224110	130 x 186 x 70	✓	1,3	119,00 €	141,61 €
	<b>Orion-Tr 48/12-30A (360W)</b>	ORI481240110	130 x 186 x 80	✓	1,8	220,00 €	261,80 €
	<b>Orion-Tr 48/24-5A (120W)</b>	ORI482410110	100 x 113 x 47	✓	0,6	66,00 €	78,54 €
	<b>Orion-Tr 48/24-12A (280W)</b>	ORI482428110	130 x 186 x 70	✓	1,3	119,00 €	141,61 €
	<b>Orion-Tr 48/24-16A (380W)</b>	ORI482441110	130 x 186 x 70	✓	1,6	220,00 €	261,80 €
	<b>Orion-Tr 48/48-2,5A (120W)</b>	ORI484810110	100 x 113 x 47	✓	0,6	66,00 €	78,54 €
	<b>Orion-Tr 48/48-6A (280W)</b>	ORI484828110	130 x 186 x 70	✓	1,3	119,00 €	141,61 €
	<b>Orion-Tr 48/48-8A (380W)</b>	ORI484841110	130 x 186 x 70	✓	1,6	220,00 €	261,80 €
	<b>Orion 110/12-30A (360W)</b>	ORI110123610	64 x 163 x 160	✓	1,4	362,00 €	430,78 €
	<b>Orion 110/24-15A (360W)</b>	ORI110243610	64 x 163 x 160	✓	1,4	362,00 €	430,78 €



				kg	Netto	Brutto	
AUTOMATIC TRANSFER SWITCHES					ohne MwSt.	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 €
	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 €
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 €
	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 €
	Six-way fuse holder for MEGA-fuse with busbar (500A)	CIP050060000	50 x 182 x 80	✓	★	35,00 €	41,65 €
	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 €







Mai

				kg			Netto	Brutto
<b>GX Products</b>			hxwx	kg	€	e	ohne MwSt.	inkl. MwSt.
	Cerbo GX GX Touch	BPP900450100 BPP900455050					330,00 € 250,00 €	392,70 € 297,50 €
	<b>Color Control GX</b> Graphical User Interface Ethernet (standard) and Wifi (optional) for remote monitoring and control Data storage and graphical display on vm.victronenergy.com Android and iPhone apps VE.Bus, VE.Can and BMV connectivity	BPP000300100R	130 x 120 x 40		✓		526,00 €	625,94 €
	<b>Venus GX System controller</b>	BPP900400100	142 x 69 x 45		✓	€€	300,00 €	357,00 €
	<b>Octo GX</b>	BPP910200100	61 x 108 x 95		✓		<b>311,00 €</b>	<b>370,09 €</b>
	<b>Maxi GX</b>	BPP900410200	600 x 44 x 23		✓	17,0	1.905,00 €	2.266,95 €
	<b>CANvu GX</b> <b>CANvu GX IO Extender and wiring kit</b>	BPP900700100 BPP900800100			✓ ✓		858,00 € <b>211,00 €</b>	1.021,02 € <b>251,09 €</b>
	<b>Temerture sensor VENUS/PMP/Quattro</b> <b>CCGX WiFi module simple</b> (Zyxel NWD2105)	ASS000001000 BPP900100200			✓ ✓		25,00 € 23,00 €	29,75 € 27,37 €
	<b>CCGX WiFi module long range</b> (Startech USB300WN2X2D)	BPP900200200			✓		80,00 €	95,20 €
<b>VE.Net</b>								
	<b>VE.Net Tank Monitor (Resistive)</b>	VRS000100010	105 x 75 x 22		✓		<b>187,00 €</b>	<b>222,53 €</b>
	<b>VE.Can resistive tank sender adapter</b>	BPP900600100	48 x 109 x 25		✓		391,00 €	465,29 €
	<b>VE.Can Power Cable for BPP900600100</b>	ASS030690000			✓		40,00 €	47,60 €
	<b>Shunt 500A/50mV</b>	SHU500050100	45 x 28 x 120		✓		33,00 €	39,27 €
	<b>Shunt 1000A/50mV</b>	SHU102050200	80 x 30 x 168		✓		109,00 €	129,71 €
	<b>Shunt 2000A/50mV</b>	SHU202050200	80 x 50 x 168		✓		171,00 €	203,49 €
	<b>Shunt 6000A/50mV</b>	SHU050220050	135 x 60 x 168		✓		300,00 €	357,00 €
	<b>SmartShunt 500A/50mV</b>	SHU050150050	46 x 120 x 54		✓★		133,00 €	158,27 €
	<b>SmartShunt 1000A/50mV</b>	SHU050210050	68 x 120 x 54		✓★		220,00 €	261,80 €
	<b>SmartShunt 2000A/50mV</b>	SHU050220050	68 x 120 x 76		✓★		300,00 €	357,00 €
								
							<b>August</b>	
							<b>August</b>	
							<b>August</b>	
<b>REMOTE PANELS</b>								
	<b>Digital Multi Control 200/200A</b> <b>Digital Multi Control 200/200A GX (90° RJ45)</b> Above panels can be used with all Multi(Plus) and Quattro inverter/chargers	REC020005010 DMC000200010R	65 x 120 x 40 65 x 120 x 40		✓ ✓		150,00 € 133,00 €	178,50 € 158,27 €
	<b>Phoenix Inverter Control</b>	REC030001210	65 x 60 x 40		✓		85,00 €	101,15 €
	<b>Phoenix Charger Control</b>	REC010001110	65 x 120 x 40		✓		90,00 €	107,10 €
	<b>Phoenix Inverter Control VE.Direct</b>	REC040010210R	65 x 60 x 40		✓		25,00 €	29,75 €
	<b>Skylia-i Control GX (90° RJ45)</b> <b>Charger Switch</b> <b>Skylia Control</b> <b>Battery Alarm GX</b>	REC000300000R SDRPCSV SDRPSKC BPA000100010R	65 x 120 x 40 65 x 60 x 40 65 x 120 x 40 65 x 120 x 40		✓ ✓ ✓ ✓		133,00 € 110,00 € 150,00 € 70,00 €	158,27 € 130,90 € 178,50 € 83,30 €
	<b>GX GSM (dc supply voltage range: 10-70V)</b> <small>(small 2G and 3G GSM antenna included)</small> <b>Outdoor 2G and 3G GSM Antenna for GX GSM</b> <b>Active GPS Antenna for GX GSM</b>	GSM100100100 GSM900100100 GSM900200100	43 x 106 x 23		✓ ✓ ✓		250,00 € 40,00 € 40,00 €	297,50 € 47,60 € 47,60 €
	<b>VE.Direct LoRaWAN EU863-870 module</b> <b>VE.Direct LoRaWAN US902-928 module</b> <b>VE.Direct LoRaWAN AU902-928 module</b>	ASS030538010 ASS030540010 ASS030542010			✓ ✓ ✓		90,00 € 90,00 € 90,00 €	107,10 € 107,10 € 107,10 €
	<b>wall mount enclosure for 65 x 120 mm GX-panels</b> 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 €
	<b>Wall mount enclosure for Color Control GX</b> <b>Wall mount enclosure for BMV or MPPT Control</b> <b>Wall mount enclosure for Color Control GX and USB extension cable 0,3m one side right angle</b> for Color Control in wall mount enclosure BMV or MPPT Control	ASS050400000 ASS050500000 ASS050600000 ASS060000100	165 x 135 x 65 130 x 85 x 45 245 x 135 x 65		✓ ✓ ✓ ✓		40,00 € 27,00 € 50,00 € 8,00 €	47,60 € 32,13 € 59,50 € 9,52 €








DATA CABLES AND INTERFACES, continued				ohne MwSt.	inkl. MwSt.
	<b>VE.Direkt Bluetooth Smart dongle</b>	ASS030536011	✓	50,00 €	59,50 €
	For iPhone and Android. For monitoring as well product set up (BMV-7 series, VE Direct Inverter, Blue Smart IP65 charger all MPPT solar chargers except for the 150/70 and 150/85)				
VE.direct Bluetooth Dongle	<b>VE.Bus Smart dongle</b>	ASS030537010	✓	80,00 €	95,20 €
	Ziehl anti-islanding relays				
	<b>Anti-islanding relays UFR1001E</b>	REL100100000	✓	465,00 €	553,35 €
	Fulfills the requirements of VDE-AR-N 4105, ÖVE/ÖNORM E 8001-4 712, G59/3 and G83/2, DIN V VDE V 0126-1-1, ERDF-NOI-RES_13E				
	<b>Energy meter ET112 - 1 phase - max 100A</b>	REL300100000	✓	76,00 €	90,44 €
	<b>Energy meter ET340 - 3 phase - max 65A/phase</b>	REL300300000	✓	150,00 €	178,50 €
	<b>Energy meter EM24 - 3 phase - max 65A/phase</b>	REL200100000	✓	200,00 €	238,00 €
Anti-islanding relays UFR	<b>Energy meter EM24 - 3 phase - max 65A/phase Etherne</b>	REL200100100	✓	245,00 €	291,55 €
	(Carlo Gavazzi ET112-DIN.AV01.X.S1.X, ET340-DIN.AV23.X.S1.X, resp. EM24-DIN.AV93.X.S1.X)				
	<b>RS485 to USB interface cable 1,8m</b>	ASS030571018	✓	28,00 €	33,32 €
	<b>RS485 to USB interface cable 5m</b>	ASS030571050	✓	32,00 €	38,08 €
	(needed to connect to the AC sensor to the ColorControl GX)				
	<b>Zigbee to RS485 converter</b>	ASS300400100	✓	115,00 €	136,85 €
	<b>Zigbee to USB converter</b>	ASS300400200	✓	100,00 €	119,00 €
	<b>Anti-islanding box 63A single and three phase</b>	RCD000300200	230 x 380 x 100	✓	1.100,00 €

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

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

SOLAR CHARGE CONTROLLERS

				€			
	BlueSolar PWM-Light 12/24V-5A	SCC010005000	70 x 133 x 34	✓	0,15	25,00 €	29,75 €
	BlueSolar PWM-Light 12/24V-10A	SCC010010000	70 x 133 x 34	✓	0,15	30,00 €	35,70 €
	BlueSolar PWM-Light 12/24V-20A	SCC010020020	70 x 133 x 34	✓	0,15	40,00 €	47,60 €
	BlueSolar PWM-Light 12/24V-30A	SCC010030020	70 x 133 x 34	✓	0,15	55,00 €	65,45 €
	BlueSolar PWM-Light 48V-10A	SCC040010020	95 x 140 x 34	✓	0,15	60,00 €	71,40 €
	BlueSolar PWM-Light 48V-20A	SCC040020020	95 x 140 x 34	✓	0,15	77,00 €	91,63 €
	BlueSolar PWM-Light 48V-30A	SCC040030020	95 x 140 x 34	✓	0,15	90,00 €	107,10 €
	BlueSolar PWM-LCD&USB 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 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	82,00 €	97,58 €
	Remote Panel for BlueSolar DUO	SCC900200000	49 x 113 x 113	✓	0,21	52,00 €	61,88 €
	BlueSolar MPPT 75/10 (12/24V-10A)	SCC010010050R	100 x 113 x 40	✓ ✓	0,4	81,00 €	96,39 €
	BlueSolar MPPT 75/15 (12/24V-15A)	SCC010015050R	100 x 113 x 40	✓ ✓	0,5	90,00 €	107,10 €
	BlueSolar MPPT 100/15 (12/24V-15A)	SCC010015200R	100 x 113 x 47	✓	0,6	110,00 €	130,90 €
	BlueSolar MPPT 100/20 (12/24V-20A)	SCC110020070R	100 x 113 x 50	✓ ★	0,7	130,00 €	154,70 €
	BlueSolar MPPT 100/20_48 (48V-20A)	SCC110020170R	100 x 113 x 50	✓ ★	0,7	140,00 €	166,60 €
	BlueSolar MPPT 100/30 (12/24V-30A)	SCC010030020	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 150/100-TR VE.CAN (12/24/48V-100A)	SCC115104200	216 x 295 x 103	✓ ★	4,5	780,00 €	928,20 €
	BlueSolar MPPT 250/70-TR VE.CAN (12/24/48V-70A)	SCC125070441	200 x 250 x 95	✓ ★	3,0	780,00 €	928,20 €
	BlueSolar MPPT 250/100-TR VE.CAN (12/24/48V-100A)	SCC125110441	216 x 295 x 103	✓ ★	4,5	955,00 €	1.136,45 €
	SmartSolar MPPT 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)	SCC110030020	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-Tr VE.CAN (12/24/48V-85A)	SCC115085410	216 x 295 x 103	✓	4,5	710,00 €	844,90 €
	SmartSolar MPPT 150/85-MC4 (12/24/48V-85A)	SCC115085311	216 x 295 x 103	✓	4,5	700,00 €	833,00 €
	SmartSolar MPPT 150/85-MC4 VE.CAN (12/24/48V-85A)	SCC115085510	216 x 295 x 103	✓ ★	4,5	725,00 €	862,75 €
	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	810,00 €	963,90 €
	SmartSolar MPPT 150/100-MC4 (12/24/48V-100A)	SCC115110311	216 x 295 x 103	✓	4,5	800,00 €	952,00 €
	SmartSolar MPPT 150/100-MC4 VE.CAN (12/24/48V-100A)	SCC115110510	216 x 295 x 103	✓ ★	4,5	825,00 €	981,75 €
	SmartSolar MPPT 250/60-Tr (12/24/48V-60A)	SCC125060210	200 x 250 x 95	✓	3,0	650,00 €	773,50 €
	SmartSolar MPPT 250/60-MC4 (12/24/48V-60A)	SCC125060310	200 x 250 x 95	✓	3,0	650,00 €	773,50 €
	SmartSolar MPPT 250/70-Tr (12/24/48V-70A)	SCC125070210	200 x 250 x 95	✓	3,0	750,00 €	892,50 €
	SmartSolar MPPT 250/70-Tr VE.CAN (12/24/48V-70A)	SCC125070420	200 x 250 x 95	✓	3,0	800,00 €	952,00 €
	SmartSolar MPPT 250/70-MC4 (12/24/48V-70A)	SCC125070310	200 x 250 x 95	✓	3,0	750,00 €	892,50 €
	SmartSolar MPPT 250/85-Tr (12/24/48V-85A)	SCC125085210	216 x 295 x 103	✓	4,5	850,00 €	1.011,50 €
	SmartSolar MPPT 250/85-Tr VE.CAN (12/24/48V-85A)	SCC125085411	216 x 295 x 103	✓	4,5	860,00 €	1.023,40 €
	SmartSolar MPPT 250/85-MC4 (12/24/48V-85A)	SCC125085310	216 x 295 x 103	✓	4,5	850,00 €	1.011,50 €
	SmartSolar MPPT 250/85-MC4 VE.CAN (12/24/48V-85A)	SCC125085511	216 x 295 x 103	✓ ★	4,5	875,00 €	1.041,25 €
	SmartSolar MPPT 250/100-Tr (12/24/48V-100A)	SCC125110210	216 x 295 x 103	✓	4,5	950,00 €	1.130,50 €
	SmartSolar MPPT 250/100-Tr VE.CAN (12/24/48V-100A)	SCC125110410	216 x 295 x 103	✓	4,5	960,00 €	1.142,40 €
	SmartSolar MPPT 250/100-MC4 (12/24/48V-100A)	SCC125110310	216 x 295 x 103	✓	4,5	950,00 €	1.130,50 €
	SmartSolar MPPT 250/100-MC4 VE.CAN (12/24/48V-100A)	SCC125110511	216 x 295 x 103	✓ ★	4,5	975,00 €	1.160,25 €
	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 €



BlueSolar PWM-Light



BlueSolar PWM-LCD&USB



BlueSolar PWM-Pro



BlueSolar MPPT 75/15



BlueSolar MPPT 75/10









SmartSolar MPPT 100/30











SmartSolar 250/100-MC4



Smart Battery Sense

Wireboxes for Solar Charger Controllers						Netto	Brutto		
						ohne MwSt.	inkl. MwSt.		
	WireBox-S 75-10/15 (for 75/10 & 75/15)	SCC950100000	✓			20,00 €	23,80 €		
	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 €		
	<b>WireBox-L MC4 (for MC4 &amp; MC4 VE.Can, h=200mm)</b>	<b>SCC950300310</b>	✓	★		<b>30,00 €</b>	<b>35,70 €</b>		
	WireBox-XL Tr (for Tr models, h=216mm)	SCC950400200	✓			30,00 €	35,70 €		
	<b>WireBox-XL Tr (for TRr &amp; Tr VE.Can, h=216mm)</b>	<b>SCC950400210</b>	✓	★		<b>30,00 €</b>	<b>35,70 €</b>		
	WireBox-XL MC4 (for MC4 models, h=216mm)	SCC950400300	✓			30,00 €	35,70 €		
<b>WireBox-XL MC4 (for MC4 &amp; MC4 VE.Can, h=216mm)</b>	<b>SCC950400310</b>	✓	★		<b>30,00 €</b>	<b>35,70 €</b>			
<b>BATTERIES</b>									
<b>AGM Deep Cycle (C20 capacity)</b>									
		lxwxh	c €	±	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	280 / 80	154,00 €	183,26 €
	12V/66Ah AGM Deep Cycle Batt.	BAT412600084	258 x 166 x 235	✓	✓	24,0	300 / 90	212,00 €	252,28 €
	12V/90Ah AGM Deep Cycle Batt.	BAT412800084	350 x 167 x 183	✓	✓	27,0	400 / 130	228,00 €	271,32 €
	12V/110Ah AGM Deep Cycle Batt.	BAT412101084	330 x 171 x 220	✓	✓	32,0	500 / 170	257,00 €	305,83 €
	12V/130Ah AGM Deep Cycle Batt.	BAT412121084	410 x 176 x 227	✓	✓	38,0	550 / 200	336,00 €	399,84 €
	12V/165Ah AGM Deep Cycle Batt.	BAT412151084	485 x 172 x 240	✓	✓	47,0	600 / 220	426,00 €	506,94 €
	12V/220Ah AGM Deep Cycle Batt.	BAT412201084	522 x 238 x 240	✓	✓	65,0	650 / 250	520,00 €	618,80 €
		<b>AGM deep cycle with threaded insert terminals</b>							
12V/90Ah AGM Deep Cycle Batt. (M6)		BAT412800085	350 x 167 x 183	✓	✓	27,0	400 / 130	228,00 €	271,32 €
12V/110Ah AGM Deep Cycle Batt. (M8)		BAT412101085	330 x 171 x 220	✓	✓	32,0	500 / 170	285,00 €	339,15 €
12V/130Ah AGM Deep Cycle Batt. (M8)		BAT412121085	410 x 176 x 227	✓	✓	38,0	550 / 200	336,00 €	399,84 €
12V/165Ah AGM Deep Cycle Batt. (M8)		BAT412151085	485 x 172 x 240	✓	✓	47,0	600 / 220	426,00 €	506,94 €
12V/220Ah AGM Deep Cycle Batt. (M8)		BAT412201085	522 x 238 x 240	✓	✓	65,0	650 / 250	520,00 €	618,80 €
	<b>AGM Super Cycle battery with threaded insert terminals</b>								
	12V/15Ah AGM Super Cycle Batt. (Faston 6.3x0.8)	BAT412015080	151 x 99 x 103	✓		4,2		42,00 €	49,98 €
	12V/25Ah AGM Super Cycle Batt. (M5)	BAT412025081	181 x 77 x 175	✓		7,0		60,00 €	71,40 €
	12V/38Ah AGM Super Cycle Batt. (M5)	BAT412038081	267 x 77 x 175	✓		10,0		125,00 €	148,75 €
	12V/60Ah AGM Super Cycle Batt. (M5)	BAT412060081	224 x 135 x 178	✓		15,0	300 / 90	161,00 €	191,59 €
	12V/100Ah AGM Super Cycle Batt. (M6)	BAT412110081	260 x 168 x 215	✓		25,0	500 / 170	300,00 €	357,00 €
	12V/125Ah AGM Super Cycle Batt. (M8)	BAT412112081	330 x 171 x 214	✓		34,0	550 / 220	377,00 €	448,63 €
	12V/170Ah AGM Super Cycle Batt. (M8)	BAT412117081	336 x 172 x 280	✓		45,0	600 / 220	475,00 €	565,25 €
	12V/230Ah AGM Super Cycle Batt. (M8)	BAT412123081	532 x 207 x 218	✓		61,0	700 / 400	650,00 €	773,50 €
		<b>AGM deep cycle telecom battery with threaded insert terminals</b>							
12V/115Ah AGM Telecom Batt. (M8)		BAT412105164	395 x 110 x 293	✓	✓	35,0	500 / 200	314,00 €	373,66 €
12V/165Ah AGM Telecom Batt. (M8)		BAT412151164	548 x 105 x 316	✓	✓	49,0	600 / 220	439,00 €	522,41 €
12V/200Ah AGM Telecom Batt. (M8)		BAT412181164	546 x 125 x 323	✓	✓	59,0	650 / 250	500,00 €	595,00 €
	<b>GEL Deep Cycle (C20 capacity)</b>								
	12V/60Ah Gel Deep Cycle Batt.	BAT412550104	229 x 138 x 227	✓		19,0	250 / 70	177,00 €	210,63 €
	12V/66Ah Gel Deep Cycle Batt.	BAT412600104	258 x 166 x 235	✓		24,0	270 / 80	221,00 €	262,99 €
	12V/90Ah Gel Deep Cycle Batt.	BAT412800104	350 x 167 x 183	✓	✓	26,0	360 / 120	233,00 €	277,27 €
	12V/110Ah Gel Deep Cycle Batt.	BAT412101104	330 x 171 x 220	✓	✓	33,0	450 / 150	290,00 €	345,10 €
	12V/130Ah Gel Deep Cycle Batt.	BAT412121104	410 x 176 x 227	✓	✓	38,0	500 / 180	340,00 €	404,60 €
	12V/165Ah Gel Deep Cycle Batt.	BAT412151104	485 x 172 x 240	✓	✓	48,0	550 / 200	437,00 €	520,03 €
	12V/220Ah Gel Deep Cycle Batt.	BAT412201104	522 x 238 x 240	✓	✓	66,0	600 / 220	535,00 €	636,65 €
12V/265Ah Gel Deep Cycle Batt. (M8)	BAT412126101	520 x 268 x 233	✓	✓	75,0	650 / 250	786,00 €	935,34 €	
	<b>Lead Carbon Battery with threaded insert terminals</b>								
	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									

LITHIUM (LiFePO4) BATTERIES		€	kg	Netto ohne MwSt.	Brutto inkl. MwSt.	
	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	1.149,00 €	1.367,31 €
	Lithium battery 12,8V/150Ah - Smart	BAT512115610	321 x 152 x 237 ✓	20,0	1.481,00 €	1.762,39 €
	Lithium battery 12,8V/160Ah - Smart	BAT512116610	321 x 152 x 237 ✓	20,0	1.645,00 €	1.957,55 €
	Lithium battery 12,8V/200Ah-a Smart	BAT512120610	321 x 152 x 237 ✓	22,0	2.140,00 €	2.546,60 €
	Lithium battery 12,8V/300Ah - Smart	BAT512130410	425 x 274 x 347 ✓	51,0	3.378,00 €	4.019,82 €
	Lithium battery 25,6V/200Ah - Smart	BAT524120410	631 x 208 x 317 ✓	56,0	4.500,00 €	5.355,00 €
	<b>Battery Management System VE.Bus BMS</b> (includes AC detector)	BMS300200000	105 x 72 x 30 ✓	0,1	120,00 €	142,80 €
	<b>miniBMS</b>	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 €
	<b>Battery Management System 12/200</b>	BMS012201000	65 x 120 x 260 ✓	1,8	242,00 €	287,98 €
	<b>Smart BMS CL 12-100</b>	BMS110022000	65 x 120 x 224 ✓ ★	1,6	200,00 €	238,00 €
<b>Cable for Smart BMS CL 12-100</b>	ASS070200100	✓ ★		20,00 €	23,80 €	
<b>Cables with M8 circular connector (for Li-ion batteries): see DATA CABLES</b>						
	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	266,00 €	316,54 €
	Lithium Super Pack 12,8V/60Ah (M6)	BAT512060705	229 x 138 x 213 ✓	9,5	570,00 €	678,30 €
	Lithium Super Pack 12,8V/100Ah (M8)	BAT512110705	330 x 171 x 220 ✓	15,0	1.045,00 €	1.243,55 €
	Lithium Super Pack 12,8V/200Ah (M8)	BAT512120705	520 x 269 x 208 ✓	32,0	2.090,00 €	2.487,10 €
	Lithium Super Pack 25,6V/50Ah (M8)	BAT524050705	395 x 110 x 286 ✓	16,0	1.330,00 €	1.582,70 €
	<b>TUBULAR PLATE BATTERIES</b>					
				€		
	<b>GEL OPzV tubular plate 2V cells (C10 capacity)*</b>					
	4 OPzV 200	BAT702201260	103 x 206 x 398 ✓	19,0	282,00 €	335,58 €
	5 OPzV 250	BAT702251260	124 x 206 x 398 ✓	23,0	328,00 €	390,32 €
	6 OPzV 300	BAT702301260	145 x 206 x 398 ✓	28,0	376,00 €	447,44 €
	5 OPzV 350	BAT702351260	124 x 206 x 515 ✓	31,0	398,00 €	473,62 €
	6 OPzV 420	BAT702421260	145 x 206 x 515 ✓	36,0	456,00 €	542,64 €
	7 OPzV 490	BAT702491260	166 x 206 x 515 ✓	41,0	511,00 €	608,09 €
	6 OPzV 600	BAT702601260	145 x 206 x 688 ✓	49,0	572,00 €	680,68 €
	8 OPzV 800	BAT702801260	210 x 191 x 688 ✓	65,0	787,00 €	936,53 €
	10 OPzV 1000	BAT702102260	210 x 233 x 690 ✓	80,0	922,00 €	1.097,18 €
	12 OPzV 1200	BAT702122260	210 x 275 x 690 ✓	93,0	1.062,00 €	1.263,78 €
	12 OPzV 1500	BAT702152260	210 x 275 x 840 ✓	115,0	1.263,00 €	1.502,97 €
	16 OPzV 2000	BAT702202260	215 x 400 x 815 ✓	155,0	1.716,00 €	2.042,04 €
	20 OPzV 2500	BAT702252260	215 x 490 x 815 ✓	200,0	2.148,00 €	2.556,12 €
	24 OPzV 3000	BAT702302260	215 x 580 x 815 ✓	235,0	2.485,00 €	2.957,15 €
*Minimum order quantity 12 cells per model				Height includes poles		

SOLAR PANELS							Netto	Brutto
							ohne MwSt.	inkl. MwSt.
			lxwxh	C €	kg	Zellenzahl		
 Monocrystalline panel	20W-12V Mono 440x350x25mm series 4a*	SPM040201200	440 x 350 x 25	√	1,9	36	31,00 €	36,89 €
	30W-12V Mono 560x350x25mm series 4a*	SPM040301200	560 x 350 x 25	√	2,2	36	36,00 €	42,84 €
	40W-12V Mono 425x668x25mm series 4a*	SPM040401200	425 x 668 x 25	√	3,1	36	46,00 €	54,74 €
	55W-12V Mono 545x668x25mm series 4a*	SPM040551200	545 x 668 x 25	√	4,0	36	60,00 €	71,40 €
	90W-12V Mono 780x668x30mm series 4a	SPM040901200	780 x 668 x 35	√	6,1	36	94,00 €	111,86 €
	115W-12V Mono 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	142,00 €	168,98 €
	215W-24V Mono 1580x808x35mm series 4a	SPM042152400	1580 x 808 x 35	√	15,0	72	209,00 €	248,71 €
	305W-24V Mono 1640x992x35mm series 4a	SPM043052400	1640 x 992 x 35	√	18,4	72	247,00 €	293,93 €
	360W-24V Mono 1956x992x40mm series 4a	SPM043602400	1956 x 992 x 40	√	22,5	72	277,00 €	329,63 €
 Polycrystalline panel	20W-12V Poly 440x350x25mm series 4a*	SPP040201200	440 x 350 x 25	√	1,9	36	30,00 €	35,70 €
	30W-12V Poly 665x350x25mm series 4a*	SPP040301200	665 x 350 x 25	√	2,8	36	34,00 €	40,46 €
	45W-12V Poly 425x668x25mm series 4a*	SPP040451200	425 x 668 x 25	√	3,1	36	48,00 €	57,12 €
	60W-12V Poly 545x668x25mm series 4a*	SPP040601200	545 x 668 x 25	√	4,0	36	61,00 €	72,59 €
	90W-12V Poly 780x668x30mm series 4a	SPP040901200	780 x 668 x 30	√	6,1	36	90,00 €	107,10 €
	115W-12V Poly 1015x668x30mm series 3a	SPP041151200	1015 x 668 x 30	√	8,0	36	99,00 €	117,81 €
	175W-12V Poly 1485x668x30mm series 4a	SPP041751200	1485 x 668 x 30	√	11,0	36	124,00 €	147,56 €
	270W-20V Poly 1640x992x35mm series 4a	SPP042702000	1640 x 992 x 35	√	18,4	60	190,00 €	226,10 €
	330W-24V Poly 1956x992x40mm series 4a	SPP043302400	1956 x 992 x 40	√	28,0	72	228,00 €	271,32 €
	*without connection cable and MC4 connector							
<b>SOLAR CABLES</b>								
 Solar splitter pair MC4-Y	Solar Cable (4 mm <sup>2</sup> ) 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 splitter pair MC4-Y	Solar Cable (6 mm <sup>2</sup> ) with pre-assembled male and female MC4 (PV-ST01) connectors							
	Length 1 m	SCA000100100	√				12,00 €	14,28 €
	Length 3 m	SCA000300100	√				18,00 €	21,42 €
	Length 5 m	SCA000500100	√				27,00 €	32,13 €
	Length 10 m	SCA001000100	√				41,00 €	48,79 €
	Length 20 m	SCA002000100	√				76,00 €	90,44 €
 Solar connector pair MC4	Solar adapter cable MC4 male to MC3 female, length 15 cm				SCA500100000		10,00 €	11,90 €
	Solar adapter cable MC4 female to MC3 male, length 15 cm				SCA500200000		10,00 €	11,90 €
 Solar connector pair MC4	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 €





APPENDIX	INVERTERS: ALTERNATIVE OUTLETS	€		Netto	Brutto	
	230VAC/50Hz Sinewave			ohne MwSt.	inkl. MwSt.	
Phoenix 12/250 VE.Direct IEC	PIN121251100	86 x 165 x 260	✓	2,4	96,00 €	114,24 €
Phoenix 12/250 VE.Direct (AS/NZS 3112 )	PIN122510300	86 x 165 x 260	✓	2,4	96,00 €	114,24 €
Phoenix 12/250 VE.Direct (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	171,00 €	203,49 €
Phoenix 12/500 AU/NZ outlet (AS/NZS 3112 )	PIN125010300	86 x 172 x 275	✓	3,9	171,00 €	203,49 €
Phoenix 12/500 UK outlet (BS 1363)	PIN125010400	86 x 172 x 275	✓	3,9	171,00 €	203,49 €
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	171,00 €	203,49 €
Phoenix 24/500 VE.Direct AU/NZ outlet (AS/NZS 3112 )	PIN248010300	86 x 172 x 275	✓	3,9	171,00 €	203,49 €
Phoenix 24/500 VE.Direct UK outlet (BS 1363)	PIN248010400	86 x 172 x 275	✓	3,9	171,00 €	203,49 €
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	hxwxd	C €	kg	Netto	Brutto
				kg	ohne MwSt.	inkl. MwSt.
<b>1 output, natural convection cooling. With BS 1363 plug (UK)</b>						
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 €
<b>1 output or 3 outputs, fan assisted cooling. With BS 1363 plug (UK)</b>						
Blue Smart IP22 Charger 12/15 (1)	BPC121542022	235 x 108 x 65	✓	1,4	133,00 €	158,27 €
Blue Smart IP22 Charger 12/15 (3)	BPC121544022	235 x 108 x 65	✓	1,4	152,00 €	180,88 €
Blue Smart IP22 Charger 12/20 (1)	BPC122042022	235 x 108 x 65	✓	1,4	159,00 €	189,21 €
Blue Smart IP22 Charger 12/20 (3)	BPC122044022	235 x 108 x 65	✓	1,4	180,00 €	214,20 €
Blue Smart IP22 Charger 12/30 (1)	BPC123042022	235 x 108 x 65	✓	1,4	190,00 €	226,10 €
Blue Smart IP22 Charger 12/30 (3)	BPC123044022	235 x 108 x 65	✓	1,4	216,00 €	257,04 €
Blue Smart IP22 Charger 24/12 (1)	BPC2412242022	235 x 108 x 65	✓	1,4	163,00 €	193,97 €
Blue Power IP22 Charger 24/16 (1)	BPC241642022	235 x 108 x 65	✓	1,4	195,00 €	232,05 €
Blue Power IP22 Charger 24/16 (3)	BPC241644022	235 x 108 x 65	✓	1,4	221,00 €	262,99 €
<b>1 output, natural convection cooling. With AS/NZS 3112 plug (AU/NZ)</b>						
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 €
<b>1 output or 3 outputs, fan assisted cooling. With AS/NZS 3112 plug (AU/NZ)</b>						
Blue Smart IP22 Charger 12/30 (1)	BPC123042012	235 x 108 x 65	✓	1,4	190,00 €	238,00 €
Blue Smart IP22 Charger 12/30 (3)	BPC123044012	235 x 108 x 65	✓	1,4	216,00 €	270,13 €
Blue Power IP22 Charger 24/16 (1)	BPC241642012	235 x 108 x 65	✓	1,4	195,00 €	243,95 €
Blue Power IP22 Charger 24/16 (3)	BPC241644012	235 x 108 x 65	✓	1,4	221,00 €	277,27 €
<b>1 output, natural convection cooling. With AS/NZS 3112 plug (AU/NZ)</b>						
Blue Smart IP67 Charger 12/7 (1)	BPC120713016	85 x 211 x 60	✓	1,8	105,00 €	124,95 €
Blue Smart IP67 Charger 12/17 (1)	BPC121713016	99 x 219 x 65	✓	2,4	136,00 €	170,17 €
Blue Smart IP67 Charger 12/25 (1)	BPC122513016	99 x 219 x 65	✓	2,4	177,00 €	221,34 €
Blue Smart IP67 Charger 24/12 (1)	BPC241213016	99 x 219 x 65	✓	2,4	177,00 €	221,34 €
<b>1 output, natural convection cooling. With CEE 7/16 plug</b>						
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 12/25 + DC connector	BPC122531034	75 x 140 x 240	✓	1,9	200,00 €	238,00 €
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 €
Blue Smart IP65 Charger 24/13 + DC connector	BPC241331034	75 x 140 x 240	✓	1,9	200,00 €	238,00 €