



# Pricelist

2023 Q3 EX VAT C Euro

New products are marked with ★







Article number with suffix (R): also available in retail packaging  
 Article number with suffix R: available in retail packaging only
















**victron energy**  
 BLUE POWER






Energy. Anytime. Anywhere.

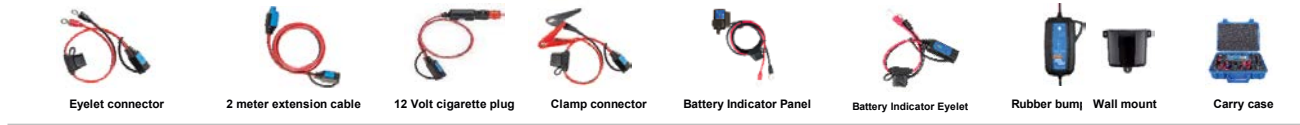
INVERTERS								Ex VAT	
230V Sinewave		hxwxd	CE	e	VE.Bus	kg			
 <p>Phoenix 12/375 VE.Direct</p> <p>IEC Schuko</p> <p>AU/NZ UK</p>	Phoenix 12/250 VE.Direct Schuko*	PIN121251200	86 x 165 x 260	✓	✓	2.4	€ 109,00		
	Phoenix 12/375 VE.Direct Schuko*	PIN121371200	86 x 165 x 260	✓	✓	3.0	€ 140,00		
	Phoenix 12/500 VE.Direct Schuko*	PIN121501200	86 x 172 x 275	✓	✓	3.9	€ 175,00		
	Phoenix 12/800 VE.Direct Schuko*	PIN121801200	105 x 216 x 305	✓	✓	5.5	€ 316,00		
	Phoenix 12/1200 VE.Direct Schuko*	PIN122121200	117 x 232 x 362	✓	✓	7.4	€ 418,00		
	Phoenix 24/250 VE.Direct Schuko*	PIN241251200	86 x 165 x 260	✓	✓	2.4	€ 109,00		
	Phoenix 24/375 VE.Direct Schuko*	PIN241371200	86 x 165 x 260	✓	✓	3.0	€ 140,00		
	Phoenix 24/500 VE.Direct Schuko*	PIN241501200	86 x 172 x 275	✓	✓	3.9	€ 175,00		
	Phoenix 24/800 VE.Direct Schuko*	PIN241801200	105 x 216 x 305	✓	✓	5.5	€ 316,00		
	Phoenix 24/1200 VE.Direct Schuko*	PIN242121200	117 x 232 x 327	✓	✓	7.4	€ 418,00		
 <p>Phoenix Inverter C</p>	Phoenix Inverter C 12/1200	CIN121220000	375 x 214 x 110	✓	✓	✓	10	€ 774,00	
	Phoenix Inverter C 12/1600	CIN121620000	375 x 214 x 110	✓	✓	✓	10	€ 944,00	
	Phoenix Inverter 12/1600 Smart	PIN122161000	485 x 219 x 125	✓	✓	✓	12	€ 788,00	
	Phoenix Inverter C 12/2000	CIN122200000	520 x 255 x 125	✓	✓	✓	13	€ 1.066,00	
	Phoenix Inverter 12/2000 Smart	PIN122201000	485 x 219 x 125	✓	✓	✓	13	€ 890,00	
	Phoenix Inverter 12/3000	PIN123020000	362 x 258 x 218	✓	✓	✓	18	€ 1.510,00	
	Phoenix Inverter 12/3000 Smart	PIN122300000	533 x 285 x 150	✓	✓	✓	18	€ 1.077,00	
	Phoenix Inverter C 24/1600	CIN241620000	375 x 214 x 110	✓	✓	✓	10	€ 944,00	
	Phoenix Inverter 24/1600 Smart	PIN241610000	485 x 219 x 125	✓	✓	✓	12	€ 788,00	
	Phoenix Inverter C 24/2000	CIN242200000	520 x 255 x 125	✓	✓	✓	13	€ 1.066,00	
 <p>Phoenix Inverter C 24/2000 Smart</p>	Phoenix Inverter 24/2000 Smart	PIN242201000	485 x 219 x 125	✓	✓	✓	13	€ 890,00	
	Phoenix Inverter 24/3000	PIN243020000	362 x 258 x 218	✓	✓	✓	18	€ 1.510,00	
	Phoenix Inverter 24/3000 Smart	PIN242300000	485 x 285 x 150	✓	✓	✓	19	€ 1.077,00	
	Phoenix Inverter 24/5000	PIN245020000	444 x 328 x 240	✓	✓	✓	28	€ 2.377,00	
	Phoenix Inverter 24/5000 Smart	PIN242500000	595 x 295 x 160	✓	✓	✓	29	€ 1.983,00	
	 <p>Phoenix Inverter 24/5000 Smart</p>	Phoenix 48/250 VE.Direct Schuko*	PIN482510200	86 x 165 x 260	✓			2.4	€ 127,00
		Phoenix 48/375 VE.Direct Schuko*	PIN483750200	86 x 165 x 260	✓			3.0	€ 158,00
		Phoenix 48/500 VE.Direct Schuko*	PIN485010200	86 x 172 x 275	✓			3.9	€ 229,00
		Phoenix 48/800 VE.Direct Schuko*	PIN481800200	105 x 216 x 305	✓			5.5	€ 339,00
		Phoenix 48/1200 VE.Direct Schuko*	PIN482120200	117 x 232 x 327	✓			7.4	€ 499,00
Phoenix Inverter 48/1600 Smart		PIN482160000	485 x 219 x 125	✓			12	€ 788,00	
Phoenix Inverter 48/2000 Smart		PIN482201000	485 x 219 x 125	✓			13	€ 890,00	
Phoenix Inverter 48/3000		PIN483020000	362 x 258 x 218	✓		✓	18	€ 1.384,00	
Phoenix Inverter 48/3000 Smart		PIN482300000	485 x 285 x 150	✓		✓	19	€ 1.077,00	
Phoenix Inverter 48/5000		PIN485020000	444 x 328 x 240	✓		✓	28	€ 1.925,00	
 <p>Phoenix Inverter 48/5000 Smart</p>	Phoenix Inverter 48/5000 Smart	PIN482500000	555 x 295 x 160	✓			28	€ 1.614,00	
	Inverter RS 48/6000 230V Smart	PIN482600000	425 x 440 x 125	✓			10	€ 1.781,00	
	<b>INVERTERS WITH SOLAR CHARGE CONTROLLER</b>								
	 <p>Inverter RS 48/6000 230V Smart Solar</p>	Sun Inverter 12/250-15 IEC	SIN121251100	86 x 165 x 260	✓	✓	2.7	€ 174,00	
		Sun Inverter 24/250-10 IEC	SIN241251100	86 x 165 x 260	✓	✓	2.7	€ 174,00	
		Inverter RS 48/6000 230V Smart Solar	PIN482601000	425 x 440 x 125	✓			11	€ 2.221,00
	* All 12V, 24V and 48V 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							Ex VAT
230V Sinewave		hxwxd	CE	e	VE.Bus	kg	
	MultiPlus 12/500/20-16	PMP121500000	311 x 182 x 100	✓	✓	4.4	€ 464,00
	MultiPlus 12/800/35-16	PMP121800000	360 x 240 x 100	✓	✓	6.4	€ 576,00
	MultiPlus 12/1200/50-16	PMP122120000	406 x 250 x 100	✓	✓	8.2	€ 805,00
	MultiPlus 12/1600/70-16	PMP122160000	465 x 270 x 120	✓	✓	10	€ 913,00
	MultiPlus 12/2000/80-32	PMP122200000	506 x 234 x 146	✓	✓	15	€ 1.210,00
	MultiPlus C 12/800/35-16	CMP128010000	375 x 214 x 110	✓	✓	10	€ 858,00
	MultiPlus C 12/1200/50-16	CMP121220000	375 x 214 x 110	✓	✓	10	€ 1.074,00
	MultiPlus C 12/1600/70-16	CMP121620000	375 x 214 x 110	✓	✓	10	€ 1.098,00
	MultiPlus C 12/2000/80-30	CMP122200000	520 x 255 x 125	✓	✓	13	€ 1.371,00
	MultiPlus 12/3000/120-16	PMP122300001	362 x 258 x 218	✓	✓	18	€ 1.695,00
	MultiPlus 12/3000/120-50	PMP123021010	362 x 258 x 218	✓	✓	18	€ 1.830,00
	MultiPlus-II 12/3000/120-32	PMP122305010	546 x 275 x 147	✓	✓	19	€ 1.520,00
	Quattro 12/3000/120-50/50	QUA123020010	362 x 258 x 218	✓	✓	19	€ 2.504,00
	Quattro 12/5000/220-100/100	QUA125020000	470 x 350 x 280	✓	✓	34	€ 3.899,00
	MultiPlus 24/500/10-16	PMP241500000	311 x 182 x 100	✓	✓	4.4	€ 464,00
	MultiPlus 24/800/16-16	PMP241800000	360 x 240 x 100	✓	✓	6.4	€ 576,00
	MultiPlus 24/1200/25-16	PMP242120000	406 x 250 x 100	✓	✓	8.2	€ 805,00
	MultiPlus 24/1600/40-16	PMP242160000	465 x 270 x 120	✓	✓	10	€ 913,00
	MultiPlus 24/2000/50-32	PMP242200000	506 x 234 x 146	✓	✓	15	€ 1.210,00
	MultiPlus C 24/1200/25-16	CMP241220000	375 x 214 x 110	✓	✓	10	€ 1.074,00
	MultiPlus C 24/1600/40-16	CMP241620000	375 x 214 x 110	✓	✓	10	€ 1.098,00
	MultiPlus C 24/2000/50-30	CMP242200000	520 x 255 x 125	✓	✓	13	€ 1.371,00
	MultiPlus 24/3000/70-16	PMP242300001	362 x 258 x 218	✓	✓	18	€ 1.695,00
	MultiPlus 24/3000/70-50	PMP242301011	362 x 258 x 218	✓	✓	18	€ 1.830,00
MultiPlus-II 24/3000/70-32	PMP242305010	499 x 268 x 141	✓	✓	19	€ 1.520,00	
MultiPlus-II 24/3000/70-32 GX	PMP242306000	499 x 268 x 141	✓	✓	20	€ 1.861,00	
MultiPlus 24/5000/120-100	PMP245021010	444 x 328 x 240	✓	✓	30	€ 2.661,00	
MultiPlus-II 24/5000/120-50	PMP242505010	607 x 330 x 149	✓	✓	30	€ 2.420,00	
	Quattro 24/3000/70-50/50	QUA243020010	362 x 258 x 218	✓	✓	19	€ 2.402,00
	Quattro 24/5000/120-100/100	QUA245021010	444 x 328 x 240	✓	✓	30	€ 3.291,00
	Quattro-II 24/5000/120-50/50	QUA242505010	607 x 330 x 149	✓	✓	31	€ 2.913,00
	Quattro 24/8000/200-100/100	QUA248020010	470 x 350 x 280	✓	✓	41	€ 4.154,00
	MultiPlus 48/500/6-16	PMP481500000	311 x 182 x 100	✓	✓	4.4	€ 490,00
	MultiPlus 48/800/9-16	PMP481800000	360 x 240 x 100	✓	✓	6.4	€ 576,00
	MultiPlus 48/1200/13-16	PMP482120000	406 x 250 x 100	✓	✓	8.2	€ 805,00
	MultiPlus 48/1600/20-16	PMP482160000	465 x 270 x 120	✓	✓	10	€ 913,00
	MultiPlus 48/2000/25-32	PMP482200000	506 x 234 x 146	✓	✓	15	€ 1.019,00
	MultiPlus 48/3000/35-16	PMP483020001	362 x 258 x 218	✓	✓	18	€ 1.467,00
	MultiPlus 48/3000/35-50	PMP483021010	362 x 258 x 218	✓	✓	18	€ 1.531,00
	MultiPlus-II 48/3000/35-32	PMP482305010	499 x 268 x 141	✓	✓	19	€ 1.142,00
MultiPlus-II 48/3000/35-32 GX	PMP482306000	499 x 268 x 141	✓	✓	20	€ 1.464,00	
MultiPlus-II 48/5000/70-50	PMP482505010	565 x 320 x 149	✓	✓	30	€ 1.734,00	
MultiPlus-II 48/5000/70-50-GX	PMP482506000	565 x 320 x 149	✓	✓	31	€ 2.153,00	
MultiPlus 48/5000/70-100	PMP485021010	444 x 328 x 240	✓	✓	30	€ 2.186,00	
Multi RS Solar 48/6000/100-450/100	PMR482602020	425 x 440 x 125	✓	✓	12	€ 2.492,00	
MultiPlus-II 48/8000/110-100	PMP482805000	642 x 363 x 206	✓	✓	42	€ 3.400,00	
MultiPlus-II 48/10000/140-100	PMP483105000	677 x 363 x 206	✓	✓	49	€ 4.068,00	
MultiPlus-II 48/15000/200-100	PMP483150000	810 x 404 x 210	✓	✓	75	€ 5.344,00	
	Quattro 48/5000/70-100/100	QUA485021010	444 x 328 x 240	✓	✓	29	€ 2.715,00
	Quattro-II 48/5000/70-50/50	QUA482504010	565 x 320 x 149	✓	✓	31	€ 2.374,00
	Quattro 48/8000/110-100/100	QUA488024000	470 x 350 x 280	✓	✓	41	€ 3.583,00
	Quattro 48/10000/140-100/100	QUA481030010	470 x 350 x 280	✓	✓	45	€ 4.281,00
	Quattro 48/15000/200-100/100	QUA483150000	572 x 488 x 344	✓	✓	72	€ 5.624,00
EasyPlus C 12/1600/70-16	CEP121620000	510 x 214 x 110	✓	✓	11	€ 1.132,00	
INVERTER/CHARGERS OPTIMISED FOR SELF CONSUMPTION / HOME STORAGE							
	EasySolar 12/1600/70-16 MPPT 100/50	CEP121621000	745 x 214 x 110	✓	✓	12	€ 1.564,00
	EasySolar 24/1600/40-16 MPPT 100/50	CEP241621010	745 x 214 x 110	✓	✓	12	€ 1.564,00
	EasySolar-II 24/3000/70-32 MPPT 250/70 GX	PMP242307010	499 x 268 x 237	✓	✓	26	€ 2.071,00
	EasySolar-II 48/3000/35-32 MPPT 250/70 GX	PMP482307010	499 x 268 x 237	✓	✓	26	€ 2.071,00
	EasySolar-II 48/5000/70-50 MPPT 250/100 GX	PMP482507010	604 x 323 x 253	✓	✓	39	€ 3.338,00
VE.Bus Smart dongle	ASS030537010			✓			€ 100,00


INVERTERS 120V				hxwx	CE	VEBus	kg	Ex VAT
	Phoenix 12/250 VE.Direct NEMA 5-15R	PIN122510500	86 x 165 x 260	√		2.4	€ 109,00	
	Phoenix 12/375 VE.Direct NEMA 5-15R	PIN123750500	86 x 165 x 260	√		3.0	€ 126,00	
	Phoenix 12/500 VE.Direct NEMA 5-15R	PIN125010500	86 x 172 x 275	√		3.9	€ 158,00	
	Phoenix 12/800 VE.Direct NEMA 5-15R	PIN121800500	105 x 216 x 305	√		5.5	€ 285,00	
	Phoenix 12/1200 VE.Direct NEMA 5-15R	PIN122122500	117 x 232 x 362	√		8.5	€ 376,00	
	Phoenix 12/250 VE.Direct NEMA GFCI (UL 458)	PIN122510510	86 x 165 x 260	√		2.4	€ 112,00	
	Phoenix 12/375 VE.Direct NEMA GFCI (UL 458)	PIN123750510	86 x 165 x 260	√		3.0	€ 129,00	
	Phoenix 12/500 VE.Direct NEMA GFCI (UL 458)	PIN125010510	86 x 172 x 275	√		3.9	€ 162,00	
	Phoenix 12/800 VE.Direct NEMA GFCI (UL 458)	PIN121800510	105 x 216 x 305	√		5.5	€ 290,00	
	Phoenix 12/1200 VE.Direct NEMA GFCI (UL 458)	PIN122122510	117 x 232 x 362	√		8.5	€ 382,00	
	Phoenix 24/250 VE.Direct NEMA 5-15R	PIN242510500	86 x 165 x 260	√		2.4	€ 109,00	
	Phoenix 24/375 VE.Direct NEMA 5-15R	PIN243750500	86 x 165 x 260	√		3.0	€ 126,00	
	Phoenix 24/500 VE.Direct NEMA 5-15R	PIN245010500	86 x 172 x 275	√		3.9	€ 158,00	
	Phoenix 24/800 VE.Direct NEMA 5-15R	PIN241800500	105 x 216 x 305	√		5.5	€ 285,00	
	Phoenix 24/1200 VE.Direct NEMA 5-15R	PIN242122500	117 x 232 x 327	√		7.4	€ 376,00	
	Phoenix 24/250 VE.Direct NEMA GFCI (UL 458)	PIN242510510	86 x 165 x 260	√		2.4	€ 112,00	
	Phoenix 24/375 VE.Direct NEMA GFCI (UL 458)	PIN243750510	86 x 165 x 260	√		3.0	€ 129,00	
	Phoenix 24/500 VE.Direct NEMA GFCI (UL 458)	PIN245010510	86 x 172 x 275	√		3.9	€ 162,00	
	Phoenix 24/800 VE.Direct NEMA GFCI (UL 458)	PIN241800510	105 x 216 x 305	√		5.5	€ 290,00	
	Phoenix 24/1200 VE.Direct NEMA GFCI (UL 458)	PIN242122510	117 x 232 x 327	√		7.4	€ 382,00	
	Phoenix 48/250 VE.Direct NEMA 5-15R	PIN482510500	86 x 165 x 260	√		2.4	€ 127,00	
	Phoenix 48/375 VE.Direct NEMA 5-15R	PIN483750500	86 x 165 x 260	√		3.0	€ 142,00	
	Phoenix 48/500 VE.Direct NEMA 5-15R	PIN485010500	86 x 172 x 275	√		3.9	€ 206,00	
	Phoenix 48/800 VE.Direct NEMA 5-15R	PIN481800500	105 x 216 x 305	√		5.5	€ 305,00	
	Phoenix 48/1200 VE.Direct NEMA 5-15R	PIN482120500	117 x 232 x 327	√		7.4	€ 449,00	
	Phoenix 48/250 VE.Direct NEMA GFCI (UL 458)	PIN482510510	86 x 165 x 260	√		2.4	€ 130,00	
	Phoenix 48/375 VE.Direct NEMA GFCI (UL 458)	PIN483750510	86 x 165 x 260	√		3.0	€ 146,00	
	Phoenix 48/500 VE.Direct NEMA GFCI (UL 458)	PIN485010510	86 x 172 x 275	√		3.9	€ 209,00	
	Phoenix 48/800 VE.Direct NEMA GFCI (UL 458)	PIN481800510	105 x 216 x 305	√		5.5	€ 311,00	
	Phoenix 48/1200 VE.Direct NEMA GFCI (UL 458)	PIN482120510	117 x 232 x 327	√		7.4	€ 455,00	
	Phoenix Inverter 12/3000	PIN123020100	362 x 258 x 218	√	√	18	€ 1.441,00	
	Phoenix Inverter 24/3000	PIN243020100	362 x 258 x 218	√	√	18	€ 1.441,00	
<b>INVERTER/CHARGERS 120V</b>								
	MultiPlus C 12/2000/80-50 120V	CMP122200100	520 x 255 x 125	√	√	13	€ 1.176,00	
	MultiPlus C 12/2000/80-50 120V (UL 458)	CMP122200102	520 x 255 x 125	√	√	13	€ 1.206,00	
	MultiPlus 12/2000/80-50 120V	PMP122200100	506 x 234 x 147	√	√	15	€ 1.095,00	
	MultiPlus 12/2000/80-50 120V (UL 458)	PMP122200102	506 x 234 x 147	√	√	15	€ 1.150,00	
	MultiPlus 12/3000/120-50 120V	PMP123021102	362 x 258 x 218	√	√	18	€ 1.481,00	
	MultiPlus 12/3000/120-50 120V (UL 1741 and 458)	PMP122301102	362 x 258 x 218	√	√	18	€ 1.600,00	
	MultiPlus-II 12/3000/120-50 120V	PMP122305110	578 x 277 x 148	√	√	19	€ 1.263,00	
	MultiPlus-II 12/3000/120-50 120V (UL458)	PMP122305122	578 x 277 x 148	√	√	19	€ 1.326,00	
	MultiPlus-II 12/3000/120-50 2x120V	PMP122305100	578 x 277 x 148	√	√	22	€ 1.437,00	
	MultiPlus-II 12/3000/120-50 2x120V (UL 458)	PMP122305102	578 x 277 x 148	√	√	22	€ 1.509,00	
	Quattro 12/5000/220-100/100 120V	QUA125021100	470 x 350 x 280	√	√	34	€ 3.714,00	
		MultiPlus C 24/2000/50-50 120V	CMP242200100	520 x 255 x 125	√	√	13	€ 1.206,00
MultiPlus 24/2000/50-50 120V		PMP242200100	506 x 234 x 147	√	√	15	€ 1.095,00	
MultiPlus 24/3000/70-50 120V		PMP243021102	362 x 258 x 218	√	√	18	€ 1.481,00	
MultiPlus 24/3000/70-50 120V (UL 1741 and 458)		PMP242301102	362 x 258 x 218	√	√	18	€ 1.600,00	
MultiPlus-II 24/3000/70-50 120V		PMP242305100	536 x 277 x 147	√	√	19	€ 1.263,00	
MultiPlus-II 24/3000/70-50 120V (UL 485)		PMP242305102	536 x 277 x 147	√	★	19	€ 1.326,00	
MultiPlus-II 24/3000/70-50 2x120V		PMP242305130	536 x 277 x 147	√	√	19	€ 1.437,00	
MultiPlus-II 24/3000/70-50 2x120V (UL458)		PMP242305132	536 x 277 x 147	√	★	19	€ 1.509,00	
Quattro 24/5000/120-100/100 120V		QUA245023110	444 x 328 x 240	√	√	30	€ 3.105,00	
MultiPlus 48/2000/25-50 120V		PMP482200100	506 x 234 x 147	√	√	15	€ 1.127,00	
MultiPlus-II 48/3000/35-50 120V		PMP482305100	536 x 277 x 147	√	√	19	€ 1.481,00	
MultiPlus-II 48/3000/35-50 120V (UL 1741)		PMP482305102	572 x 277 x 147	√	★	19	€ 1.554,00	
MultiPlus-II 48/5000/70-95 120V	PMP482505110	676 x 330 x 164	√	★	32	May € 2.029,00		
Quattro 48/3000/35-50/50 120V	QUA483021100	362 x 258 x 218	√	√	18	€ 2.141,00		
Quattro 48/5000/70-100/100 120V	QUA485021100	444 x 328 x 240	√	√	30	€ 2.934,00		
Quattro 48/10000/140-100/100 120V	QUA483100100	572 x 488 x 344	√	√	58	€ 4.506,00		
Quattro 48/15000/200-100/100 277V	QUA483150100	572 x 488 x 344	√	★	72	July € 5.624,00		
VE.Bus Smart dongle	ASS030537010			√			€ 100,00	
<b>BLUE SMART BATTERY CHARGERS IP65 120V</b>								
	1 output, natural convection cooling. With NEMA 1-15P plug							
	Blue Smart IP65 Charger 6V/12V-1.1 + DC connector	BPC120134124R	38 x 64 x 153	√		0.4	€ 63,00	
	Blue Smart IP65 Charger 12/5 + DC connector	BPC120531104R	47 x 95 x 190	√		0.8	€ 95,00	
	Blue Smart IP65 Charger 12/7 + DC connector	BPC120731104R	47 x 95 x 190	√		0.8	€ 125,00	
	Blue Smart IP65 Charger 12/10 + DC connector	BPC121031104R	60 x 105 x 190	√		0.9	€ 148,00	
	Blue Smart IP65 Charger 12/15 + DC connector	BPC121531104R	60 x 105 x 190	√		0.9	€ 170,00	
	Blue Smart IP65 Charger 24/5 + DC connector	BPC240531104R	47 x 95 x 190	√		0.8	€ 125,00	
	Blue Smart IP65 Charger 24/8 + DC connector	BPC240831104R	60 x 105 x 190	√		0.9	€ 170,00	
	Accessories for the Blue Smart IP65 Charger	see next page						
	<b>BLUE SMART BATTERY CHARGERS IP67 120V, waterproof</b>							
	1 output. With NEMA 5-15P plug							
	Blue Smart IP67 Charger 12/7 (1)	BPC120715106	85 x 211 x 60	√		1.8	€ 118,00	
	Blue Smart IP67 Charger 12/13 (1)	BPC121315106	85 x 211 x 60	√		1.8	€ 140,00	
	Blue Smart IP67 Charger 12/17(1)	BPC121715106	99 x 219 x 65	√		2.4	€ 154,00	
	Blue Smart IP67 Charger 12/25(1)	BPC122547106	99 x 219 x 65	√		2.4	€ 200,00	
	Blue Smart IP67 Charger 24/5 (1)	BPC240515106	85 x 211 x 60	√		1.8	€ 118,00	
	Blue Smart IP67 Charger 24/8 (1)	BPC240815106	99 x 219 x 65	√		2.4	€ 154,00	
	Blue Smart IP67 Charger 24/12 (1)	BPC241247106	99 x 219 x 65	√		2.4	€ 200,00	


BATTERY CHARGERS IP22 120V		hxwxd	€	e	kg	Ex VAT	
1 output or 3 outputs, fan assisted cooling. With NEMA 5-15P plug. VE-Smart Network enabled.							
	Blue Smart IP22 Charger 12/15 (1)	BPC121545102	235 x 108 x 65	√	√	1,4	€ 150,00
	Blue Smart IP22 Charger 12/15 (3)	BPC121546102	235 x 108 x 65	√	√	1,4	€ 173,00
	Blue Smart IP22 Charger 12/20 (1)	BPC122045102	235 x 108 x 65	√	√	1,4	€ 180,00
	Blue Smart IP22 Charger 12/20 (3)	BPC122046102	235 x 108 x 65	√	√	1,4	€ 203,00
	Blue Smart IP22 Charger 12/30 (1)	BPC123047102	235 x 108 x 65	√	√	1,4	€ 216,00
	Blue Smart IP22 Charger 12/30 (3)	BPC123048102	235 x 108 x 65	√	√	1,4	€ 244,00
	Blue Smart IP22 Charger 24/8 (1)	BPC240845102	235 x 108 x 65	√	√	1,4	€ 150,00
	Blue Smart IP22 Charger 24/12 (1)	BPC241245102	235 x 108 x 65	√	√	1,4	€ 185,00
	Blue Smart IP22 Charger 24/16 (1)	BPC241647102	235 x 108 x 65	√	√	1,4	€ 221,00
	Blue Smart IP22 Charger 24/16 (3)	BPC241648102	235 x 108 x 65	√	√	1,4	€ 250,00

BLUE SMART BATTERY CHARGERS IP65 230V		IP65					
180-265VAC/45-65Hz or 250-350VDC							
1 output, natural convection cooling. With CEE 7/17 Plug (Schuko unearthed), CEE 7/16 Europlug, BS 1363 plug (UK) or A (includes DC connector with clamps and M8 eyelets)							
	Blue Smart IP65 Charger 6V/12V-1.1 + DC connector	BPC120134034R	38 x 64 x 153	√	√	0,4	€ 63,00
	Blue Smart IP65s Charger 12/4 + DC connector	BPC120433064R	45 x 81 x 182	√	√	0,6	€ 86,00
	Blue Smart IP65s Charger 12/5 + DC connector	BPC120533064R	45 x 81 x 182	√	√	0,6	€ 95,00
	Blue Smart IP65 Charger 12/7 + DC connector	BPC120731064R	47 x 95 x 190	√	√	0,8	€ 125,00
	Blue Smart IP65 Charger 12/10 + DC connector	BPC121031064R	60 x 105 x 190	√	√	0,9	€ 148,00
	Blue Smart IP65 Charger 12/15 + DC connector	BPC121531064R	60 x 105 x 190	√	√	0,9	€ 170,00
	Blue Smart IP65 Charger 12/25 + DC connector	BPC122531064	75 x 140 x 240	√	√	1,9	€ 227,00
	Blue Smart IP65 Charger 24/5 + DC connector	BPC240531064R	47 x 95 x 190	√	√	0,8	€ 125,00
	Blue Smart IP65 Charger 24/8 + DC connector	BPC240831064R	60 x 105 x 190	√	√	0,9	€ 170,00
	Blue Smart IP65 Charger 24/13 + DC connector	BPC241331064	75 x 140 x 240	√	√	1,9	€ 227,00
Accessories for the Blue Smart IP65 Chargers							
	M6 eyelet connector (with 30A ATO fuse)	BPC900100014		√			€ 9,00
	M8 eyelet connector (with 30A ATO fuse)	BPC900110014		√			€ 9,00
	MagCode Power Clip 12V (max. 15A)	BPC900500014		√			€ 45,00
	MagCode Power Port 12V (max. 15A)	BPC900520014		√			€ 45,00
	2 meter extension cable	BPC900200014		√			€ 10,00
	12 Volt plug (cigarette plug with 16A fuse)	BPC900300014		√			€ 14,00
	Clamp connector (with 30A ATO fuse)	BPC900400014		√			€ 13,00
	Battery Indicator Panel (M8 eyelet / 30A ATO fuse)	BPC900110114		√			€ 24,00
	Battery Indicator Eyelet (M8 eyelet / 30A ATO fuse)	BPC900120114		√			€ 14,00
	Rubber bumper for IP65 Charger 12/10, 12/15, 24/8	BPC920100100		√			€ 8,00
Rubber bumper for IP65 Charger 12/25, 24/13	BPC920100110		√			€ 11,00	
Wall mount for IP65 Charger 12/10, 12/15, 24/8	BPC920100200		√			€ 6,00	
Wall Mount for IP65 Charger 12/25, 24/13	BPC920100210		√			€ 12,00	
Carry case for IP65 Charger & accessories	BPC940100100	295 x 350 x 105	√			€ 30,00	
Carry case for IP65 Ch. 12/25, 24/13 & accessories	BPC940100200	345 x 520 x 130	√			€ 46,00	





BATTERY CHARGERS IP22 230V		IP22					
180-265VAC/45-65Hz or 250-350VDC							
1 output or 3 outputs, fan assisted cooling. With CEE 7/17 Plug (Schuko), BS 1363 plug (UK) or AS/NZS 3112 plug (AU/NZ).							
	Blue Smart IP22 Charger 12/15 (1)	BPC121542002	235 x 108 x 65	√	√	1,4	€ 150,00
	Blue Smart IP22 Charger 12/15 (3)	BPC121544002	235 x 108 x 65	√	√	1,4	€ 173,00
	Blue Smart IP22 Charger 12/20 (1)	BPC122042002	235 x 108 x 65	√	√	1,4	€ 180,00
	Blue Smart IP22 Charger 12/20 (3)	BPC122044002	235 x 108 x 65	√	√	1,4	€ 203,00
	Blue Smart IP22 Charger 12/30 (1)	BPC123047002	235 x 108 x 65	√	√	1,4	€ 216,00
	Blue Smart IP22 Charger 12/30 (3)	BPC123048002	235 x 108 x 65	√	√	1,4	€ 244,00
	Blue Smart IP22 Charger 24/8 (1)	BPC240842002	235 x 108 x 65	√	√	1,4	€ 150,00
	Blue Smart IP22 Charger 24/12 (1)	BPC241242002	235 x 108 x 65	√	√	1,4	€ 185,00
	Blue Smart IP22 Charger 24/16 (1)	BPC241647002	235 x 108 x 65	√	√	1,4	€ 221,00
	Blue Smart IP22 Charger 24/16 (3)	BPC241648002	235 x 108 x 65	√	√	1,4	€ 250,00





BATTERY CHARGERS IP67 230V		IP67					
180-265VAC/45-65Hz or 250-350VDC							
1 output, natural convection cooling. With CEE 7/17 Plug (Schuko), BS 1363 plug (UK) or AS/NZS 3112 plug (AU/NZ)							
	Blue Smart IP67 Charger 12/7 (1)	BPC120713006	85 x 211 x 60	√	√	1,8	€ 118,00
	Blue Smart IP67 Charger 12/13 (1)	BPC121313006	85 x 211 x 60	√	√	1,8	€ 140,00
	Blue Smart IP67 Charger 12/17 (1)	BPC121713006	99 x 219 x 65	√	√	2,4	€ 154,00
	Blue Smart IP67 Charger 12/25 (1)	BPC122547006	99 x 219 x 65	√	√	2,4	€ 200,00
	Blue Smart IP67 Charger 12/25 (1+Si)	BPC122514006	99 x 219 x 65	√	√	2,4	€ 233,00
	Blue Smart IP67 Charger 24/5 (1)	BPC240513006	85 x 211 x 60	√	√	1,8	€ 118,00
	Blue Smart IP67 Charger 24/8 (1)	BPC240813006	99 x 219 x 65	√	√	2,4	€ 154,00
	Blue Smart IP67 Charger 24/12 (1)	BPC241247006	99 x 219 x 65	√	√	2,4	€ 200,00
	Blue Smart IP67 Charger 24/12 (1+Si)	BPC241214006	99 x 219 x 65	√	√	2,4	€ 233,00
	See appendix for availability of models with CEE 7/16, UK or AU/NZ plug						

BATTERY CHARGERS IP43 230V		IP43						
210-250VAC/45-65Hz or 290-355VDC								
	Phoenix Smart IP43 Charger 12/30 (1+1)	PSC123051085	180 x 249 x 100	√		3,5	€ 398,00	
	Phoenix Smart IP43 Charger 12/30 (3)	PSC123053085	180 x 249 x 100	√		3,5	€ 429,00	
	Phoenix Smart IP43 Charger 12/50 (1+1)	PSC125051085	180 x 249 x 100	√		3,5	€ 509,00	
	Phoenix Smart IP43 Charger 12/50 (3)	PSC125053085	180 x 249 x 100	√		3,5	€ 537,00	
	Phoenix Smart IP43 Charger 24/16 (1+1)	PSC241651085	180 x 249 x 100	√		3,5	€ 398,00	
	Phoenix Smart IP43 Charger 24/16 (3)	PSC241653085	180 x 249 x 100	√		3,5	€ 429,00	
	Phoenix Smart IP43 Charger 24/25 (1+1)	PSC242551085	180 x 249 x 100	√		3,5	€ 509,00	
	Phoenix Smart IP43 Charger 24/25 (3)	PSC242553085	180 x 249 x 100	√		3,5	€ 537,00	
	Mains Cord CEE 7/7 for Smart IP43 Charger 2m	ADA010100100			√			€ 10,00
	Mains Cord UK for Smart IP43 Charger 2m	ADA010100200			√			€ 10,00
Mains Cord AU/NZ for Smart IP43 2m	ADA010100300			√			€ 10,00	
Mains Cord NEMA 6-15P for Smart IP43 2m	ADA010100500			√			€ 10,00	





BATTERY CHARGERS IP43 120/230V						Ex VAT
Universal input 90-265VAC/45-65Hz, or 90-400VDC						
		hxwx	€	e	kg	
Phoenix Smart IP43 Charger 12/30 (1+1) 120/240V	PSC123051095	180 x 249 x 100	√		3,5	€ 417,00
Phoenix Smart IP43 Charger 12/30 (3) 120/240V	PSC123053095	180 x 249 x 100	√		3,5	€ 449,00
Phoenix Smart IP43 Charger 12/50 (1+1) 120/240V	PSC125051095	180 x 249 x 100	√		3,5	€ 531,00
Phoenix Smart IP43 Charger 12/50 (3) 120/240V	PSC125053095	180 x 249 x 100	√		3,5	€ 563,00
Phoenix Smart IP43 Charger 24/16 (1+1) 120/240V	PSC241651095	180 x 249 x 100	√		3,5	€ 417,00
Phoenix Smart IP43 Charger 24/25 (1+1) 120/240V	PSC242551095	180 x 249 x 100	√		3,5	€ 531,00
Phoenix Smart IP43 Charger 24/25 (3) 120/240V	PSC242553095	180 x 249 x 100	√		3,5	€ 563,00
Mains Cord CEE 7/7 for Smart IP43 Charger 2m	ADA010100100		√			€ 10,00
Mains Cord UK for Smart IP43 Charger 2m	ADA010100200		√			€ 10,00
Mains Cord AU/NZ for Smart IP43 2m	ADA010100300		√			€ 10,00
Mains Cord NEMA 6-15P for Smart IP43 2m	ADA010100500		√			€ 10,00

BATTERY CHARGERS 120/240V, analog control						
3x full current output						
	Centaur Charger 12/20 (3)	CCH012020000	355 x 215 x 110	√	3,8	€ 389,00
	Centaur Charger 12/30 (3)	CCH012030000	355 x 215 x 110	√	3,8	€ 431,00
	Centaur Charger 12/40 (3)	CCH012040000	426 x 239 x 135	√	5	€ 530,00
	Centaur Charger 12/50 (3)	CCH012050000	426 x 239 x 135	√	5	€ 550,00
	Centaur Charger 12/60 (3)	CCH012060000	426 x 239 x 135	√	5	€ 572,00
	Centaur Charger 12/80 (3)	CCH012080000	505 x 255 x 130	√	12	€ 950,00
	Centaur Charger 12/100 (3)	CCH012100000	505 x 255 x 130	√	12	€ 1.160,00
	Centaur Charger 24/16 (3)	CCH024016000	355 x 215 x 110	√	3,8	€ 477,00
	Centaur Charger 24/30 (3)	CCH024030000	426 x 239 x 135	√	5	€ 668,00
	Centaur Charger 24/40 (3)	CCH024040000	505 x 255 x 130	√	12	€ 871,00
	Centaur Charger 24/60 (3)	CCH024060000	505 x 255 x 130	√	12	€ 997,00

BATTERY CHARGERS 120/240V microprocessor control						
Universal input 90-265VAC/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	€ 523,00
	Phoenix Charger 12/50(2+1) 120/240V	PCH012050001	350 x 200 x 108	√	3,8	€ 698,00
	Phoenix Charger 24/16(2+1) 120/240V	PCH024016001	350 x 200 x 108	√	3,8	€ 523,00
	Phoenix Charger 24/25(2+1) 120/240V	PCH024025001	350 x 200 x 108	√	3,8	€ 698,00

BATTERY CHARGERS: microprocessor control						
	Skylia IP65 12/70(1+1) 120/240V	SKY012070000	401 x 265 x 151	√	6	€ 852,00
	Skylia IP65 12/70(3) 120/240V	SKY012070100	401 x 265 x 151	√	6	€ 939,00
	Skylia IP65 24/35(1+1) 120/240V	SKY024035000	401 x 265 x 151	√	6	€ 852,00
	Skylia IP65 24/35(3) 120/240V	SKY024035100	401 x 265 x 151	√	6	€ 939,00
	Skylia-TG 24/30 (1+1) 120/240V	SDTG2400301	365 x 250 x 147	√	5,5	€ 763,00
	Skylia-TG 24/50 (1+1) 230V	SDTG2400501	365 x 250 x 147	√	5,5	€ 826,00
	Skylia-TG 24/80 (1+1) 230V	SDTG2400801	365 x 250 x 257	√	10	€ 1.353,00
	Skylia-TG 24/100 (1+1) 230V	SDTG2401001	365 x 250 x 257	√	10	€ 1.633,00
	Skylia-TG 24/50 3-phase (1+1) 400V	STG024050300	365 x 250 x 257	√	13	€ 1.499,00
	Skylia-TG 24/100 3-phase (1+1) 400V	STG024100300	515 x 260 x 265	√	23	€ 2.397,00
	Skylia-TG 24/30 (1+1) 120/240V	SDTG2400303	365 x 250 x 147	√ GL**	5,5	€ 931,00
	Skylia-TG 24/50 (1+1) 120/240V	SDTG2400503	365 x 250 x 147	√ GL**	5,5	€ 1.008,00
	Skylia-TG 24/100 (1+1) 120/240V	SDTG2401003	365 x 250 x 257	√ GL**	10	€ 1.991,00
	Skylia-TG 24/30 GMDSS 120/240V (excl. panel)	SDTG2400302	485 x 250 x 147	√	6	€ 1.166,00
	Skylia-TG 24/50 GMDSS 120/240V (excl. panel)	SDTG2400504	485 x 250 x 147	√	6	€ 1.466,00
	Skylia-TG 48/25 (1+1) 230V	SDTG4800251	365 x 250 x 147	√	5,5	€ 991,00
	Skylia-TG 48/50 (1+1) 230V	SDTG4800501	365 x 250 x 257	√	10	€ 1.761,00
	Skylia-i 24/80 (1+1) 230V	SKI024080000	402 x 250 x 140	√	8	€ 1.295,00
	Skylia-i 24/80 (3) 230V	SKI024080002	402 x 250 x 140	√	8	€ 1.510,00
	Skylia-i 24/100 (1+1) 230V	SKI024100000	402 x 250 x 140	√	8	€ 1.565,00
	Skylia-i 24/100 (3) 230V	SKI024100002	402 x 250 x 140	√	8	€ 1.834,00
	Skylia-i remote on-off cable	ASS030550400		√		€ 38,00

\*\*Germanischer Lloyd approval. Category C, EMC 1

SHORE CABLES						
Shore Power Cords with Shore Power Organiser Bag						
	Shore Power Cord 15m 16A	SHP302501500		√		€ 179,00
	Shore Power Cord 25m 16A	SHP302502500		√		€ 242,00
	Shore Power Cord 15m 25A	SHP304001500		√		€ 230,00
	Shore Power Cord 25m 32A	SHP306002500		√		€ 448,00
	Power Inlet 16A polyamid with cover	SHP301603000		√		€ 70,00
	Power Inlet 16A stainless steel with cover	SHP301602000		√		€ 101,00
	Power Inlet 32A stainless steel with cover	SHP303202000		√		€ 131,00
	Plug 16A/250Vac (2p/3w) for Power Inlet 16A	SHP301604000		√		€ 80,00
	Plug 32A/250Vac (2p/3w) for Power Inlet 32A	SHP303204000		√		€ 108,00
	Adapter Cord 16A/250V Schuko/CEE	SHP307700220		√		€ 25,00
	Adapter Cord 16A/250V CEE/Schuko	SHP307700260		√		€ 24,00
	Splitter Cord 16A/250V CEE/2xC	SHP307700240		√		€ 81,00
	Adapter Cord 16A to 32A/250V CEE/CEE	SHP307700280		√		€ 35,00
	Adapter Cord 32A 3-phase to single phase	SHP307700300		√		€ 49,00



Adapter Cord SHP307700220



Adapter Cord SHP307700260



Splitter Cord SHP307700240



Adapter Cord SHP307700280



Adapter Cord SHP307700300

**EV CHARGING STATION**



EV Charging Station	EVC300400300	€ 1.045,00
EV Charging Station NS	EVC200300200	€ 1.045,00
Black front for EV Charging Station NS	EVC200300310	€ 33,00
White front for EV Charging Station NS	EVC200300410	€ 33,00

**ISOLATION TRANSFORMERS / AUTOTRANSFORMER / GALVANIC ISOLATOR**



	hwxwd	€	e	kg	Ex VAT
Isolation Trans. 2000W 115/230V	ITR040202041	375 x 214 x 110	✓	10	€ 566,00
Isolation Trans. 3600W 115/230V	ITR040362041	362 x 258 x 218	✓	23	€ 797,00
Isolation Trans. 7000W 230V	ITR000702001	362 x 258 x 218	✓	30	€ 1.089,00
Isolation Trans. 3600W Auto 115/230V with automatic input voltage detection	ITR050362041	362 x 258 x 218	✓	23	€ 899,00
Autotransformer 120/240VAC-32A	ITR000100001	375 x 214 x 110	✓	10	€ 642,00
Autotransformer 120/240VAC-100A The ultimate solution for split phase installations	ITR000100101	425 x 214 x 110	✓	14	€ 776,00
Galvanic Isolator VDI-16	GDI000016000	60 x 120 x 200	✓	1	€ 117,00
Galvanic Isolator VDI-32	GDI000032000	63 x 164 x 235	✓	2	€ 266,00
Galvanic Isolator VDI-64	GDI000064000	64 x 164 x 224	✓	2	€ 326,00

**DC-DC CONVERTERS**



Orion IP67 24/12-20

<b>Not isolated, resin encapsulated</b>					
Orion IP67 24/12-5 (60W)	ORI241205260	25 x 43 x 20	✓	0,10	€ 27,00
Orion IP67 24/12-10 (120W)	ORI241210260	74 x 74 x 32	✓	0,40	€ 43,00
Orion IP67 24/12-20 (240W)	ORI241220260	74 x 74 x 32	✓	0,45	€ 56,00
Orion IP67 12/24-50 (1200W)	ORI122421226	340 x 127 x 63	✓	3,05	€ 324,00
Orion IP67 24/12-100 (1200W)	ORI241221226	265 x 127 x 63	✓	2,15	€ 270,00



Orion IP67 24/12-100



Orion-Tr 24/12-5

<b>Not isolated</b>					
Orion-Tr 24/12-5 (60W)	ORI241205200(R)	53 x 51 x 27	✓	0,10	€ 19,00
Orion-Tr 24/12-10 (120W)	ORI241210200(R)	73 x 94 x 37	✓	0,20	€ 39,00
Orion-Tr 24/12-15 (180W)	ORI241215200(R)	73 x 94 x 45	✓	0,30	€ 44,00
Orion-Tr 24/12-20 (240W)	ORI241220200(R)	73 x 94 x 45	✓	0,30	€ 50,00
Orion 24/12-25	ORI241225020	65 x 88 x 160	✓	0,70	€ 77,00
Orion 24/12-40	ORI241240021	65 x 88 x 185	✓	0,85	€ 110,00
Orion 24/12-70	ORI241270020	65 x 88 x 195	✓	0,90	€ 148,00
Orion 24/12-70 with binding posts	ORI241270030	65 x 88 x 195	✓	0,90	€ 148,00



Orion 24/12-70  
with binding posts



50A Buck-Boost converter

25A Buck-Boost DC-DC converter	ORI303025000	165 x 120 x 30	✓	0,90	€ 578,00
50A Buck-Boost DC-DC converter	ORI303050000	213 x 120 x 30	✓	1,10	€ 718,00
100A Buck-Boost DC-DC converter	ORI303100000	288 x 162 x 50	✓	4,00	€ 1.256,00
CAN-bus Temp. sensor for Buck-Boost DC-DC convert	ASS000200100		✓		€ 140,00
Orion-Tr Smart 12/12-30A Non-isolated DC-DC ch.	ORI121236140	130 x 186 x 80	✓	1,8	€ 242,00
Orion-Tr Smart 12/24-15A Non-isolated DC-DC ch.	ORI122436140	130 x 186 x 80	✓	1,8	€ 242,00
Orion-Tr Smart 24/12-30A Non-isolated DC-DC ch.	ORI241236140	130 x 186 x 80	✓	1,8	€ 242,00
Orion-Tr Smart 24/24-17A Non-isolated DC-DC ch.	ORI242440140	130 x 186 x 80	✓	1,6	€ 242,00



Orion-Tr 12/24-5A (120W)

<b>With galvanic isolation</b>					
Orion-Tr 12/12-9A (110W)	ORI121210110(R)	100 x 113 x 47	✓	0,6	€ 71,00
Orion-Tr 12/12-18A (220W)	ORI121222110	130 x 186 x 70	✓	1,3	€ 129,00
Orion-Tr 12/12-30A (360W)	ORI121240110	130 x 186 x 80	✓	1,8	€ 227,00
Orion-Tr 12/24-5A (120W)	ORI122410110	100 x 113 x 47	✓	0,6	€ 71,00
Orion-Tr 12/24-10A (240W)	ORI122424110	130 x 186 x 70	✓	1,3	€ 129,00
Orion-Tr 12/24-15A (360W)	ORI122441110	130 x 186 x 80	✓	1,8	€ 227,00



Orion-Tr Smart 12/12-30A (360W)

Orion-Tr Smart 12/12-18A Isolated DC-DC charger	ORI121222120	130 x 186 x 70	✓	1,3	€ 180,00
Orion-Tr Smart 12/12-30A Isolated DC-DC charger	ORI121236120	130 x 186 x 80	✓	1,8	€ 275,00
Orion-Tr Smart 12/24-10A Isolated DC-DC charger	ORI122424120	130 x 186 x 70	✓	1,3	€ 180,00
Orion-Tr Smart 12/24-15A Isolated DC-DC charger	ORI122436120	130 x 186 x 80	✓	1,8	€ 275,00
Orion-Tr Isolated DC-DC Charger remote cable	ASS070300100		✓		€ 22,00



Orion-Tr 24/12-20A (240W)

Orion-Tr 24/12-9A (110W)	ORI241210110(R)	100 x 113 x 47	✓	0,6	€ 71,00
Orion-Tr 24/12-20A (240W)	ORI241224110	130 x 186 x 70	✓	1,3	€ 129,00
Orion-Tr 24/12-30A (360W)	ORI241240110	130 x 186 x 80	✓	1,8	€ 227,00
Orion-Tr 24/24-5A (120W)	ORI242410110(R)	100 x 113 x 47	✓	0,6	€ 71,00
Orion-Tr 24/24-12A (280W)	ORI242428110	130 x 186 x 70	✓	1,3	€ 129,00
Orion-Tr 24/24-17A (400W)	ORI242441110	130 x 186 x 70	✓	1,6	€ 227,00
Orion-Tr 24/48-2,5A (120W)	ORI244810110	100 x 113 x 47	✓	0,6	€ 71,00
Orion-Tr 24/48-6A (280W)	ORI244828110	130 x 186 x 70	✓	1,3	€ 129,00
Orion-Tr 24/48-8,5A (400W)	ORI244841110	130 x 186 x 70	✓	1,6	€ 227,00
Orion-Tr Smart 24/12-20A Isolated DC-DC charger	ORI241224120	130 x 186 x 70	✓	1,3	€ 180,00
Orion-Tr Smart 24/12-30A Isolated DC-DC charger	ORI241236120	130 x 186 x 80	✓	1,8	€ 275,00
Orion-Tr Smart 24/24-12A Isolated DC-DC charger	ORI242428120	130 x 186 x 70	✓	1,3	€ 180,00
Orion-Tr Smart 24/24-17A Isolated DC-DC charger	ORI242440120	130 x 186 x 70	✓	1,6	€ 275,00

Orion-Tr 48/12-9A (110W)	ORI481210110	100 x 113 x 47	✓	0,6	€ 71,00
Orion-Tr 48/12-20A (240W)	ORI481224110	130 x 186 x 70	✓	1,3	€ 129,00
Orion-Tr 48/12-30A (360W)	ORI481240110	130 x 186 x 80	✓	1,8	€ 227,00
Orion-Tr 48/24-5A (120W)	ORI482410110	100 x 113 x 47	✓	0,6	€ 71,00
Orion-Tr 48/24-12A (280W)	ORI482428110	130 x 186 x 70	✓	1,3	€ 129,00
Orion-Tr 48/24-16A (380W)	ORI482441110	130 x 186 x 70	✓	1,6	€ 227,00
Orion-Tr 48/48-2,5A (120W)	ORI484810110	100 x 113 x 47	✓	0,6	€ 71,00
Orion-Tr 48/48-6A (280W)	ORI484828110	130 x 186 x 70	✓	1,3	€ 129,00
Orion-Tr 48/48-8A (380W)	ORI484841110	130 x 186 x 70	✓	1,6	€ 227,00
Orion 110/12-30A (360W)	ORI110123610	64 x 163 x 160	✓	1,4	€ 390,00
Orion 110/24-15A (360W)	ORI110243610	64 x 163 x 160	✓	1,4	€ 390,00

**AUTOMATIC TRANSFER SWITCHES**

Ex VAT



Filax-2

		hwxwd	€	e	kg	
Filax-2	230V/50Hz-240V/60Hz	SDFI0000000	120 x 255 x 75	✓	0,8	€ 340,00
Filax-2	110V/50Hz-120V/60Hz	SDFI0000110	120 x 255 x 75	✓	0,8	€ 340,00
VE Transfer Switch	5kVA/230V	COS230502100	175 x 215 x 120	✓	1,4	€ 330,00
VE Transfer Switch	10kVA/230V	COS230103100	175 x 215 x 120	✓	1,5	€ 409,00

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

Lynx Power In	LYN020102000	290 x 170 x 80	✓		2,1	€ 167,00
Lynx Smart BMS 500	LYN034160200	184 x 170 x 80	✓		2,2	€ 1.019,00
Lynx Shunt VE.Can	LYN040102100	190 x 180 x 80	✓		1,4	€ 399,00
Lynx Distributor	LYN060102000	290 x 170 x 80	✓		2,2	€ 238,00

Dual Terminal Stud M8-linked set (1 red/1 black)	VBB413020010		✓			€ 24,00
Busbar 150A 2P with 10 screws +cover	VBB115021020		✓			€ 26,00
Busbar 150A 2P with 20 screws +cover	VBB115022020		✓			€ 40,00
Busbar 150A 4P + cover	VBB115040020		✓			€ 20,00
Busbar 150A 6P + cover	VBB115060020		✓			€ 30,00
Busbar 250A 2P with 6 screws +cover	VBB125020620		✓			€ 61,00
Busbar 250A 2P with 12 screws +cover	VBB125021220		✓			€ 70,00
Busbar 250A 4P + cover	VBB125040010		✓			€ 61,00
Busbar 250A 6P + cover	VBB125060020		✓			€ 66,00
Busbar 600A 4P + cover	VBB160040010		✓			€ 127,00
Busbar 600A 8P + cover	VBB160080010		✓			€ 196,00
Battery switch on/off 275A	VBS127010010		✓			€ 37,00



Lynx Shunt



Lynx Distributor



Dual Terminals



Busbar 150A 2P with 20 screws



Busbar 150A 4P +



Busbar 250A 4P  
Cover not shown



Busbar 600A 8P  
Cover not shown



Battery Switch 275A

**FUSES**



MIDI-fuse

MIDI-fuse 60A/32V (package of 5 pcs)	CIP132060010	8 x 12 x 42	✓			€ 12,00
MIDI-fuse 80A/32V (package of 5 pcs)	CIP132080010	8 x 12 x 42	✓			€ 12,00
MIDI-fuse 100A/32V (package of 5 pcs)	CIP132100010	8 x 12 x 42	✓			€ 12,00
MIDI-fuse 125A/32V (package of 5 pcs)	CIP132125010	8 x 12 x 42	✓			€ 12,00
MIDI-fuse 150A/32V (package of 5 pcs)	CIP132150010	8 x 12 x 42	✓			€ 12,00
MIDI-fuse 200A/32V (package of 5 pcs)	CIP132200010	8 x 12 x 42	✓			€ 12,00

MIDI-fuse 30A/58V for 48V products (1 pc)	CIP133030010	8 x 12 x 42	✓			€ 11,00
MIDI-fuse 40A/58V for 48V products (1 pc)	CIP133040010	8 x 12 x 42	✓			€ 11,00
MIDI-fuse 50A/58V for 48V products (1 pc)	CIP133050010	8 x 12 x 42	✓			€ 11,00
MIDI-fuse 60A/58V for 48V products (1 pc)	CIP133060010	8 x 12 x 42	✓			€ 13,00
MIDI-fuse 80A/58V for 48V products (1 pc)	CIP133080010	8 x 12 x 42	✓			€ 13,00
MIDI-fuse 100A/58V for 48V products (1 pc)	CIP133100010	8 x 12 x 42	✓			€ 13,00

Fuse holder for MIDI-fuse	CIP000050001	25 x 30 x 52	✓			€ 10,00
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Fuse holder for MIDI-fuse

MEGA-fuse 60A/32V (package of 5 pcs)	CIP136060010	9 x 19 x 67	✓			€ 16,00
MEGA-fuse 80A/32V (package of 5 pcs)	CIP136080010	9 x 19 x 67	✓			€ 16,00
MEGA-fuse 100A/32V (package of 5 pcs)	CIP136100010	9 x 19 x 67	✓			€ 16,00
MEGA-fuse 125A/32V (package of 5 pcs)	CIP136125010	9 x 19 x 67	✓			€ 16,00
MEGA-fuse 150A/32V (package of 5 pcs)	CIP136150010	9 x 19 x 67	✓			€ 16,00
MEGA-fuse 175A/32V (package of 5 pcs)	CIP136175010	9 x 19 x 67	✓			€ 16,00
MEGA-fuse 200A/32V (package of 5 pcs)	CIP136200010	9 x 19 x 67	✓			€ 16,00
MEGA-fuse 225A/32V (package of 5 pcs)	CIP136225010	9 x 19 x 67	✓			€ 16,00
MEGA-fuse 250A/32V (package of 5 pcs)	CIP136250010	9 x 19 x 67	✓			€ 16,00
MEGA-fuse 300A/32V (package of 5 pcs)	CIP136300010	9 x 19 x 67	✓			€ 16,00
MEGA-fuse 400A/32V (package of 5 pcs)	CIP136400010	9 x 19 x 67	✓			€ 25,00
MEGA-fuse 500A/32V (package of 5 pcs)	CIP136500010	9 x 19 x 67	✓			€ 27,00



MEGA-fuse



Fuse holder for MEGA-fuse

MEGA-fuse 125A/58V for 48V products (1 pc)	CIP137125010	9 x 19 x 67	✓			€ 31,00
MEGA-fuse 200A/58V for 48V products (1 pc)	CIP137200010	9 x 19 x 67	✓			€ 31,00
MEGA-fuse 250A/58V for 48V products (1 pc)	CIP137250010	9 x 19 x 67	✓			€ 31,00
MEGA-fuse 300A/58V for 48V products (1 pc)	CIP137300010	9 x 19 x 67	✓			€ 31,00

Fuse holder for MEGA-fuse	CIP000100001	39 x 39 x 97	✓			€ 12,00
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Six-way fuse holder for Mega-fuse

Six-way fuse holder for Mega-fuse with busbar (250A)	CIP050060000	50 x 182 x 80	✓			€ 30,00
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CIP100400070 with fuse holders

Modular fuse holder for Mega-fuse	CIP100200100	45 x 33 x 73	✓			€ 38,00
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Busbar to connect 5 CIP100200100 (500 A)	CIP100400060	5 x 40 x 180	✓			€ 41,00
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Busbar to connect 6 CIP100200100 (1500 A)	CIP100400070	5 x 40 x 240	✓			€ 48,00
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ANL-fuse 300A/80V for 48V products (1 pc)	CIP142300000	10 x 20 x 81	✓			€ 10,00
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ANL-fuse 400A/80V for 48V products (1 pc)	CIP142400000	10 x 20 x 81	✓			€ 10,00
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ANL-fuse 500A/80V for 48V products (1 pc)	CIP142500000	10 x 20 x 81	✓			€ 10,00
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Fuse holder for ANL-fuse	CIP106100000	44 x 25 x 87	✓			€ 10,00
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Fuse CNN

Fuse CNN 325A/80V for Lynx shunt	CIP140325000	15 x 82 x 20	✓			€ 59,00
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2023-Q3

Euro C

GX Products			hxwxd	€	e	kg	Ex VAT
	<b>Ekranos GX</b>	BPP900480100	124 x 187 x 33	✓	★		€ 667,00
	<b>Cerbo GX</b>	BPP900450100	48 x 154 x 78	✓			€ 309,00
	<b>Cerbo-S GX</b>	BPP900450120	48 x 154 x 78	✓			€ 232,00
	<b>GX Touch 50</b>	BPP900455050	87 x 128 x 12,5	✓			€ 235,00
	<b>GX Touch 50 adapter for CCGX cut-out</b>	BPP900460050		✓			€ 26,00
	<b>GX Touch 50 Wall Mount</b>	BPP900465050		✓			€ 16,00
	<b>GX Touch 70</b>	BPP900455070	113 x 176 x 13,5	✓			€ 346,00
	<b>GX Touch 70 Wall Mount</b>	BPP900465070		✓			€ 32,00
	<b>Color Control GX</b>	BPP010300100R	130 x 120 x 40	✓	✓		€ 462,00
	<b>Venus GX</b>	BPP900400100	46 x 142 x 96	✓	✓		€ 291,00
	<b>CANvu GX</b>	BPP900700100		✓			€ 672,00
	<b>CANvu GX IO Extender and wiring kit</b>	BPP900800100		✓			€ 161,00
<b>Temperature sensor VENUS/PPM/Quattro</b>	ASS000001000		✓			€ 27,00	
<b>CCGX WiFi module simple</b> (ModMyPi USB 11N nano)	BPP900100200		✓			€ 24,00	
<b>CCGX WiFi module long range (Netgear AC1200)</b>	BPP900200400		✓			€ 157,00	
<b>GMDSSpanel and tank senders</b>							
	<b>VE.Net GMDSS Panel</b>	VPN000200000	65 x 120 x 40	✓			€ 209,00
	<b>VE.Can resistive tank sender adapter</b>	BPP900600100	48 x 109 x 25	✓			€ 442,00
	<b>VE.Can Power Cable for BPP900600100</b>	ASS030690000		✓			€ 44,00
	<b>GX Tank</b>	BPP920140100		✓			€ 110,00
<b>REMOTE PANELS</b>							
	<b>Digital Multi Control 200/200A</b>	REC020005010	65 x 120 x 40	✓	✓		€ 166,00
	<b>Digital Multi Control 200/200A GX (90° RJ45)</b>	DMC000200010R	65 x 120 x 40	✓	✓		€ 147,00
	Above panels can be used with all Multi(Plus) and Quattro inverter/chargers						
	<b>Phoenix Inverter Control</b>	REC030001210	65 x 60 x 40	✓			€ 93,00
	<b>Phoenix Charger Control</b>	REC010001110	65 x 120 x 40	✓			€ 100,00
	<b>Phoenix Inverter Control VE.Direct</b>	REC040010210R	65 x 60 x 40	✓			€ 28,00
	<b>Skylia-i Control GX (90° RJ45)</b>	REC000300010R	65 x 120 x 40	✓			€ 147,00
	<b>Charger Switch</b>	SDRPCSV	65 x 60 x 40	✓			€ 122,00
	<b>Skylia Control</b>	SDRPSKC	65 x 120 x 40	✓			€ 166,00
	<b>Battery Alarm GX</b>	BPA000100010R	65 x 120 x 40	✓			€ 77,00
	<b>GX LTE 4G-E (EMEA/Korea/Thailand)</b>	GSM100100400		✓			€ 262,00
	<b>GX LTE 4G-A (North America)</b>	GSM100200400		✓			€ 262,00
	<b>GX LTE 4G-SA (Australia/New Zealand/South America)</b>	GSM100300400		✓			€ 262,00
	(Small 2/3/4G antenna included)						
	<b>Outdoor 2G and 3G GSM Antenna for GX GSM</b>	GSM900100100		✓			€ 42,00
	<b>Outdoor 4G GSM Antenna</b>	GSM900100400		✓			€ 42,00
	<b>Active GPS Antenna for GX GSM &amp; GX LTE</b>	GSM900200100		✓			€ 42,00
	<b>Outdoor LTE-M wall mount antenna</b>	ANT100200100		✓			€ 58,00
	<b>Outdoor LTE-M puck antenna</b>	ANT100200200		✓			€ 63,00
	<b>GlobalLink 520 (incl. 5 year activated simcard)</b>	ASS030543020	23 x 123 x 66	✓			€ 231,00
	<b>VE.Direct LoRaWAN EU863-870 module</b>	ASS030538010		✓			€ 94,00
	<b>VE.Direct LoRaWAN US902-928 module</b>	ASS030540010		✓			€ 94,00
	<b>VE.Direct LoRaWAN AU915-928 module</b>	ASS030542010		✓			€ 94,00
	<b>Wall mount enclosure for 65 x 120 mm GX-panels with 90 degr. RJ45 socket only:</b> - 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	✓			€ 28,00
	<b>Wall mount enclosure for Color Control GX</b>	ASS050400000	165 x 135 x 65	✓			€ 42,00
	<b>Wall mount enclosure for BMV or MPPT Control</b>	ASS050500000	130 x 85 x 45	✓			€ 29,00
	<b>Wall mount enclosure for Color Control GX and BMV or MPPT Control</b>	ASS050600000	245 x 135 x 65	✓			€ 52,00
	<b>USB extension cable 0,3m one side right angle</b> (for Color Control in wall mount enclosure)	ASS060000100		✓			€ 9,00




DATA CABLES and INTERFACES		hxwxd	€	e	kg	Ex VAT
<b>RJ12 network cables</b>						
	RJ12 UTP Cable 0,3 m	ASS030066003	√			€ 9,00
	RJ12 UTP Cable 0,9 m	ASS030066009	√			€ 9,00
	RJ12 UTP Cable 1,8 m	ASS030066018	√			€ 9,00
	RJ12 UTP Cable 3 m	ASS030066030	√			€ 11,00
	RJ12 UTP Cable 5 m	ASS030066050	√			€ 17,00
	RJ12 UTP Cable 10 m	ASS030066100	√			€ 28,00
	RJ12 UTP Cable 15 m	ASS030066150	√			€ 33,00
	RJ12 UTP Cable 30 m	ASS030066300	√			€ 44,00
		cable-color=grey				
<b>RJ45 network cables</b>						
	RJ45 UTP Cable 0,3 m	ASS030064900	√			€ 9,00
	RJ45 UTP Cable 0,9 m	ASS030064920	√			€ 9,00
	RJ45 UTP Cable 1,8 m	ASS030064950	√			€ 11,00
	RJ45 UTP Cable 3 m	ASS030064980	√			€ 13,00
	RJ45 UTP Cable 5 m	ASS030065000	√			€ 17,00
	RJ45 UTP Cable 10 m	ASS030065010	√			€ 20,00
	RJ45 UTP Cable 15 m	ASS030065020	√			€ 28,00
	RJ45 UTP Cable 20 m	ASS030065030	√			€ 33,00
	RJ45 UTP Cable 30 m	ASS030065050	√			€ 39,00
		cable-color=blue				
	<b>VE.Direct cables, use to connect BMV-70x and low power MPPTs to the Color Control GX</b>					
	VE.Direct Cable 0,3m	ASS030530203	√			€ 16,00
	VE.Direct Cable 0,9m	ASS030530209	√			€ 16,00
	VE.Direct Cable 1,8m	ASS030530218	√			€ 16,00
	VE.Direct Cable 3m	ASS030530230	√			€ 18,00
	VE.Direct Cable 5m	ASS030530250	√			€ 20,00
	VE.Direct Cable 10m	ASS030530310	√			€ 24,00
	<b>VE.Direct Cable 0,3m (one side Right Angle conn)</b>					
	VE.Direct Cable 0,9m (one side Right Angle conn)	ASS030531203	√			€ 16,00
	VE.Direct Cable 1,8m (one side Right Angle conn)	ASS030531209	√			€ 16,00
	VE.Direct Cable 3m (one side Right Angle conn)	ASS030531218	√			€ 16,00
	VE.Direct Cable 5m (one side Right Angle conn)	ASS030531230	√			€ 18,00
	VE.Direct Cable 10m (one side Right Angle conn)	ASS030531250	√			€ 20,00
	VE.Direct Cable 10m (one side Right Angle conn)	ASS030531320	√			€ 24,00
	<b>Cables with M8 circular connector (for Li-ion batteries)</b>					
	Male to Female 3 pole 1 m (bag of 2)	ASS030560100	√			€ 37,00
	Male to Female 3 pole 2 m (bag of 2)	ASS030560200	√			€ 39,00
	Male to Female 3 pole 3 m (bag of 2)	ASS030560300	√			€ 42,00
	Male to Female 3 pole 5 m (bag of 2)	ASS030560500	√			€ 48,00
	<b>Interfaces to connect Victron products to your computer</b>					
	VE.Direct to USB interface	ASS030530010	√			€ 31,00
	Interface MK2-USB (for Phoenix Charger only)	ASS030130010	√			€ 83,00
	Interface MK3-USB (VE.Bus to USB)	ASS030140000	√			€ 77,00
	CANUSB interface	ASS030532010	√			€ 546,00
	<b>Interfaces to connect Victron products to NMEA2000</b>					
	VE.Bus to NMEA2000 interface	ASS030520110	√			€ 207,00
	VE.Direct to NMEA2000 interface	ASS030520310	√			€ 207,00
	VE.Can to NMEA2000 Micro-C male	ASS030520200	√			€ 94,00
	<b>Interfaces for industrial use / datacommunication</b>					
	Interface MK2.2b (VE.Bus to RS232)	ASS030120210	√			€ 61,00
	RS232 to USB converter	ASS030200000	√			€ 32,00
	VE.Direct to RS232 interface	ASS030520500	√			€ 30,00
	<b>Interfaces to connect a CAN-bus enabled battery to a Venus device</b>					
	VE.Can to CAN-bus BMS type A Cable 1.8m	ASS030710018	√			€ 17,00
	VE.Can to CAN-bus BMS type A Cable 5m	ASS030710050	√			€ 17,00
	VE.Can to CAN-bus BMS type B Cable 1.8m	ASS030720018	√			€ 17,00
	VE.Can to CAN-bus BMS type B Cable 5m	ASS030720050	√			€ 17,00
	<b>Interfaces to connect Victron products to each other</b>					
	VE.Can RJ45 terminator (bag of 2)	ASS030700000	√			€ 10,00
	VE.Bus to VE.Can interface	ASS030520115	√			€ 189,00
	Inverting remote on-off cable	ASS030550120	√			€ 21,00
	Non-inverting remote on-off cable	ASS030550200	√			€ 21,00
	VE.Direct non inverting remote on-off cable	ASS030550320	√			€ 21,00
	VE.Bus BMS to BMS 12-200 alternator control cable	ASS030510120	√			€ 41,00
	Skylla-i remote on-off cable	ASS030550400	√			€ 38,00
	RJ45-splitter 1xRJ45 male/15cm cable/2xRJ45 female	ASS030065510	√			€ 20,00
	<b>Miscellaneous</b>					
	AC Current sensor	CSE000100000	√			€ 52,00
	Current Transformer 100A:50mA for MultiPlus-II (1m)	CTR110000500	√			€ 44,00
	Current Transformer 100A:50mA for MultiPlus-II (5m)	CTR110000550	√			€ 49,00
	Current Transformer 100A:50mA for MultiPlus-II (20 m)	CTR110002050	√			€ 87,00
	Current Transf. 100A:50mA for MultiPlus-II (1m) Wire-end	CTR120000500	√			€ 44,00
	Current Transf. 100A:50mA for MultiPlus-II (5m) Wire-end	CTR120000550	√			€ 49,00
	Current Transf. 100A:50mA for MultiPlus-II (20m) Wire-end	CTR120002050	√			€ 87,00
	Temperature sensor QUA/PMP/Venus GX	ASS000001000	√			€ 24,00
	Temperature sensor type C (for Inverter RS)	ASS000020000	√			€ 24,00
	Temperature sensor for BMV-702/712	ASS000100000	√			€ 33,00
	DIN35 adapter small (per pair)	ADA500100100	√			€ 17,00
	For: Cerbo GX, (Smart) MPPT 100/20, Orion -Tr 24/12-10/15/20 non isolated					
	DIN35 adapter medium (per pair)	ADA500140100	√			€ 19,00
	For MPPT 100/30-50 & 150/35- & Orion (Smart) 220/240/280/360/400W					
	DIN35 adapter large (per pair)	ADA500180100	√			€ 21,00
	For MPPT 75/10-15 & 100/15 & Orion 110/120W					

**DATA CABLES and INTERFACES, continued**






Ex VAT

		hxwxd	€	e	kg	
	<b>VE.Direct Bluetooth Smart dongle</b> For iPhone and Android. For monitoring as well as product set-up) (BMV-70X series, VE.Direct inverters, BlueSolar MPPT solar charge controllers, Peak Power Pack)	ASS030536011	✓			€ 47,00
	<b>VE.Bus Smart dongle</b>	ASS030537010	✓			€ 100,00
	<b>Ziehl anti-islanding relay</b> <b>Anti-islanding relay UFR1001E</b> 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	✓			€ 880,00
	<b>Energy meter ET112 - 1 phase - max 100A</b>	REL300100000	✓			€ 92,00
	<b>Energy meter ET340 - 3 phase - max 65A/phase</b>	REL300300000	✓			€ 181,00
	<b>Energy meter EM24 - 3 phase - max 65A/phase</b>	REL200100000	✓			€ 242,00
	<b>Energy Meter EM540 - 3 phase - max 65A/phase</b>	REL200100100	✓	★		€ 242,00
	<b>Energy meter EM24 - 3 phase - max 65A/ph Ethernet</b> (Carlo Gavazzi ET112-DIN.AV01.X.S1.X, ET340-DIN.AV23.X.S1.X, resp. EM24DINAV93XSIX)	REL200200100	✓			€ 297,00
	<b>RS485 to USB interface cable 1,8 m</b>	ASS030572018	✓			€ 30,00
	<b>RS485 to USB interface cable 5 m</b> (needed to connect the Energy meter to the ColorControl GX)	ASS030572050	✓			€ 33,00
	<b>Zigbee to RS485 converter</b>	ASS300420100	✓			€ 121,00
	<b>Zigbee to USB converter</b>	ASS300420200	✓			€ 105,00
	<b>Anti-islanding box 63A single and three phase</b>	RCD000300200	230 x 380 x 100	✓		€ 1.245,00

**BATTERY MONITOR BMV**










	<b>Battery Monitor BMV-700</b>	BAM010700000 (R)	65 x 65 x 30	✓	✓	0,3	€ 146,00
	<b>Battery Monitor BMV-702</b>	BAM010702000 (R)	65 x 65 x 30	✓	✓	0,3	€ 181,00
	<b>Battery Monitor BMV-702 BLACK</b>	BAM010702200 (R)	65 x 65 x 30	✓	✓	0,3	€ 181,00
	<b>Battery Monitor BMV-712 Smart</b>	BAM030712000 (R)	65 x 65 x 30	✓		0,3	€ 209,00
	<b>Battery Monitor BMV-712 BLACK Smart</b>	BAM030712200 (R)	65 x 65 x 30	✓		0,3	€ 209,00
	<b>Battery Monitor BMV-700H</b>	BAM010700100		✓			€ 599,00
	<b>Battery Monitor BMV-710H Smart</b> 70 - 350 VDC With 500A shunt in plastic enclosure and connection kit. Suitable for systems with grounded negative only.	BAM030710100		✓			€ 627,00
	<b>Temperature sensor for BMV-702/712</b>	ASS000100000		✓			€ 33,00
	<b>Smartshunt 500A/50mV</b>	SHU050150050	46 x 120 x 54	✓			€ 139,00
	<b>Smartshunt 1000A/50mV</b>	SHU050210050	68 x 120 x 54	✓			€ 230,00
	<b>Smartshunt 2000A/50mV</b>	SHU050220050	68 x 120 x 76	✓			€ 314,00
	<b>Smartshunt 500A/50mV IP65</b>	SHU065150050	46 x 120 x 54	✓			€ 139,00
	<b>Smartshunt 1000A/50mV IP65</b>	SHU065210050	68 x 120 x 54	✓			€ 230,00
	<b>Smartshunt 2000A/50mV IP65</b>	SHU065220050	68 x 120 x 76	✓			€ 314,00
	<b>Shunt 500A/50mV</b>	SHU500050100	45 x 28 x 120	✓			€ 34,00
	<b>Shunt 1000A/50mV</b>	SHU102050200	80 x 30 x 168	✓			€ 114,00
	<b>Shunt 2000A/50mV</b>	SHU202050200	80 x 50 x 168	✓			€ 179,00
	<b>Shunt 6000A/50mV</b> (These shunts do not include the connection PCB to BMV-700/702/712)	SHU602050200	135 x 60 x 168	✓			€ 314,00









**BATTERY ISOLATORS**









	<b>Diode Isolators with alternator energize input ("AC" models only) and compensation diode (all models)</b>						
	<b>Argodiode 80-2SC 2 batteries 80A</b>	ARG080202000 (R)	60 x 120 x 75	✓		0,5	€ 42,00
	<b>Argodiode 80-2AC 2 batteries 80A</b>	ARG080201000 (R)	60 x 120 x 90	✓		0,6	€ 53,00
	<b>Argodiode 100-3AC 3 batteries 100A</b>	ARG100301000R	60 x 120 x 115	✓		0,8	€ 72,00
	<b>Argodiode 120-2AC 2 batteries 120A</b>	ARG120201020R	60 x 120 x 115	✓		0,8	€ 81,00
	<b>Argodiode 140-3AC 3 batteries 140A</b>	ARG140301020R	60 x 120 x 150	✓		1,1	€ 102,00
	<b>Argodiode 160-2AC 2 batteries 160A</b>	ARG160201020	60 x 120 x 150	✓		1,1	€ 96,00
	<b>Argodiode 180-3AC 3 batteries 180A</b>	ARG180301020	60 x 120 x 200	✓		1,5	€ 117,00
	<b>FET Isolators with alternator energize input</b>						
	<b>Argofet 100-2 Two batteries 100A</b>	ARG100201020 (R)	65 x 120 x 200	✓		1,4	€ 107,00
	<b>Argofet 100-3 Three batteries 100A</b>	ARG100301020 (R)	65 x 120 x 200	✓		1,4	€ 123,00
	<b>Argofet 200-2 Two batteries 200A</b>	ARG200201020 (R)	65 x 120 x 200	✓		1,4	€ 128,00
	<b>Argofet 200-3 Three batteries 200A</b>	ARG200301020 (R)	65 x 120 x 200	✓		1,4	€ 150,00
	<b>Microprocessor controlled battery combiner/isolators</b>						
	<b>Cyrix-ct 12/24V-120A intelligent combiner</b>	CYR010120011 (R)	46 x 46 x 80	✓	✓	0,11	€ 52,00
	<b>Cyrix-ct 12/24V-120A Battery combiner kit</b>	CYR010120110R	46 x 46 x 80	✓	✓	0,11	€ 104,00
	<b>Cyrix-ct 12/24V-230A intelligent combiner</b>	CYR010230010 (R)	65 x 100 x 50	✓	✓	0,27	€ 129,00
	<b>Cyrix-i 12/24V-400A intelligent combiner</b>	CYR010400000	78 x 102 x 110	✓		0,9	€ 275,00
	<b>Cyrix-i 24/48V-400A intelligent combiner</b>	CYR020400000	78 x 102 x 110	✓		0,9	€ 275,00
	<b>Diode Battery Combiner</b>						
	<b>BCD 402 2 batteries 40A</b>	BCD000402000	60 x 120 x 75	✓		0,6	€ 46,00
	<b>BCD 802 2 batteries 80A</b>	BCD000802000	60 x 120 x 75	✓		0,8	€ 56,00
	<b>Battery Protection</b>						
	<b>Battery balancer</b>	BBA000100100	100 x 113 x 47	✓		0,6	€ 67,00
	<b>BatteryProtect 12/24V 65A</b>	BPR000065400	40 x 48 x 106	✓	✓	0,2	€ 43,00
	<b>BatteryProtect 12/24V-100A</b>	BPR000100400	59 x 42 x 115	✓	✓	0,6	€ 63,00
	<b>BatteryProtect 12/24V-220A</b>	BPR000220400	62 x 123 x 120	✓	✓	0,8	€ 104,00
	<b>BatteryProtect 48V-100A</b>	BPR048100400	62 x 123 x 120	✓		0,8	€ 142,00
	<b>Smart BatteryProtect 12/24V 65A</b>	BPR065022000	40 x 48 x 106	✓	✓	0,2	€ 64,00
	<b>Smart BatteryProtect 12/24V-100A</b>	BPR110022000	59 x 42 x 115	✓	✓	0,6	€ 84,00
	<b>Smart BatteryProtect 12/24V-220A</b>	BPR122022000	62 x 123 x 120	✓	✓	0,8	€ 125,00
	<b>Smart BatteryProtect 48V-100A</b>	BPR110048000	62 x 123 x 120	✓		0,8	€ 163,00

**SOLAR CHARGE CONTROLLERS**

Ex VAT

			hxwd	€	e	kg	
	SmartSolar MPPT RS 450/100-Tr	SCC145110410	440 x 313 x 126	√		8	€ 1.383,00
	SmartSolar MPPT RS 450/200-Tr	SCC145120410	487 x 434 x 146	√		14	€ 2.420,00
	BlueSolar PWM-Light 12/24V-5A	SCC010005000	70 x 133 x 34	√		0,15	€ 27,00
	BlueSolar PWM-Light 12/24V-10A	SCC010010000	70 x 133 x 34	√		0,15	€ 31,00
	BlueSolar PWM-Light 12/24V-20A	SCC010020020	70 x 133 x 34	√		0,15	€ 42,00
	BlueSolar PWM-Light 12/24V-30A	SCC010030020	70 x 133 x 34	√		0,15	€ 58,00
	BlueSolar PWM-Light 48V-10A	SCC040010020	95 x 140 x 34	√		0,15	€ 63,00
	BlueSolar PWM-Light 48V-20A	SCC040020020	95 x 140 x 34	√		0,15	€ 81,00
	BlueSolar PWM-Light 48V-30A	SCC040030020	95 x 140 x 34	√		0,15	€ 94,00
	BlueSolar PWM-LCD&USB 12/24V-5A	SCC010005050	96 x 169 x 36	√		0,15	€ 37,00
	BlueSolar PWM-LCD&USB 12/24V-10A	SCC010010050	96 x 169 x 36	√		0,15	€ 42,00
	BlueSolar PWM-LCD&USB 12/24V-20A	SCC010020050	96 x 169 x 36	√		0,15	€ 52,00
	BlueSolar PWM DUO-LCD&USB 12/24V-20A	SCC010020060	102 x 184 x 48	√		0,15	€ 86,00
	BlueSolar PWM-LCD&USB 12/24V-30A	SCC010030050	102 x 184 x 48	√		0,15	€ 69,00
	BlueSolar PWM-LCD&USB 48V-10A	SCC040010050	102 x 184 x 48	√		0,15	€ 73,00
	BlueSolar PWM-LCD&USB 48V-20A	SCC040020050	102 x 184 x 48	√		0,15	€ 88,00
	BlueSolar PWM-LCD&USB 48V-30A	SCC040030050	102 x 184 x 48	√		0,15	€ 100,00
	BlueSolar PWM-Pro 12/24V-5A	SCC010005010	70 x 138 x 37	√		0,15	€ 37,00
	BlueSolar PWM-Pro 12/24V-10A	SCC010010010	70 x 138 x 37	√		0,15	€ 42,00
	BlueSolar PWM-Pro 12/24V-20A	SCC010020110	82 x 160 x 48	√		0,3	€ 73,00
	BlueSolar PWM-Pro 12/24V-30A	SCC010030010	100 x 200 x 57	√		0,5	€ 115,00
	Remote panel for BlueSolar PWM-Pro	SCC900300000	49 x 113 x 113	√		0,21	€ 63,00
	Temperature sensor for BlueSolar PWM-Pro	SCC940100100		√			€ 12,00
	BlueSolar PWM-Pro to USB interface cable	SCC940100200		√			€ 12,00
	BlueSolar MPPT 75/10	SCC010010050R	100 x 113 x 40	√	√	0,4	€ 81,00
	BlueSolar MPPT 75/15	SCC010015050R	100 x 113 x 40	√	√	0,5	€ 90,00
	BlueSolar MPPT 100/15	SCC010015200R	100 x 113 x 47	√		0,6	€ 109,00
	BlueSolar MPPT 100/20 (up tp 48V)	SCC110020170R	100 x 113 x 50	√		0,7	€ 129,00
	BlueSolar MPPT 100/30	SCC020030200	130 x 186 x 70	√		1,3	€ 199,00
	BlueSolar MPPT 100/50	SCC020050200	130 x 186 x 70	√		1,3	€ 299,00
	BlueSolar MPPT 150/35	SCC020035000	130 x 186 x 70	√		1,3	€ 299,00
	BlueSolar MPPT 150/45	SCC115045222	130 x 186 x 70	√		1,3	€ 358,00
	BlueSolar MPPT 150/60-Tr	SCC010060200	200 x 250 x 95	√		3	€ 524,00
	BlueSolar MPPT 150/60-MC4	SCC010060300	200 x 250 x 95	√		3	€ 524,00
	BlueSolar MPPT 150/70-Tr	SCC010070200	200 x 250 x 95	√		3	€ 576,00
	BlueSolar MPPT 150/70-MC4	SCC010070300	200 x 250 x 95	√		3	€ 577,00
	BlueSolar MPPT 150/100-Tr VE.Can	SCC115110420	216 x 295 x 103	√		4,5	€ 817,00
	BlueSolar MPPT 250/70-Tr VE.Can	SCC125070441	200 x 250 x 95	√		3	€ 817,00
	BlueSolar MPPT 250/100-Tr VE.Can	SCC125110441	216 x 295 x 103	√		4,5	€ 1.001,00
	SmartSolar MPPT 75/10	SCC075010060R	100 x 113 x 40	√	√	0,4	€ 110,00
	SmartSolar MPPT 75/15	SCC075015060R	100 x 113 x 40	√	√	0,5	€ 119,00
	SmartSolar MPPT 100/15	SCC110015060R	100 x 113 x 47	√	√	0,6	€ 139,00
	SmartSolar MPPT 100/20 (up to 48V)	SCC110020160R	100 x 113 x 50	√	√	0,7	€ 159,00
	SmartSolar MPPT 100/30	SCC110030210	130 x 186 x 70	√	√	1,3	€ 229,00
	SmartSolar MPPT 100/50	SCC110050210	130 x 186 x 70	√	√	1,3	€ 328,00
	SmartSolar MPPT 150/35	SCC115035210	130 x 186 x 70	√	√	1,3	€ 328,00
	SmartSolar MPPT 150/45	SCC115045212	130 x 186 x 70	√		1,3	€ 388,00
	SmartSolar MPPT 150/60-Tr	SCC115060210	200 x 250 x 95	√		3	€ 576,00
	SmartSolar MPPT 150/60-MC4	SCC115060310	200 x 250 x 95	√		3	€ 576,00
	SmartSolar MPPT 150/70-Tr	SCC115070211	200 x 250 x 95	√		3	€ 629,00
	SmartSolar MPPT 150/70-Tr VE.Can	SCC115070411	200 x 250 x 95	√		3	€ 681,00
	SmartSolar MPPT 150/70-MC4 VE.CAN	SCC115070511	200 x 250 x 95	√		3	€ 681,00
	SmartSolar MPPT 150/85-Tr VE.Can	SCC115085411	216 x 295 x 103	√		4,5	€ 744,00
	SmartSolar MPPT 150/85-MC4 VE.Can	SCC115085511	216 x 295 x 103	√		4,5	€ 760,00
	SmartSolar MPPT 150/100-Tr VE.Can	SCC115110411	216 x 295 x 103	√		4,5	€ 849,00
	SmartSolar MPPT 150/100-MC4 VE.Can	SCC115110511	216 x 295 x 103	√		4,5	€ 865,00
	SmartSolar MPPT 250/60-Tr	SCC125060221	200 x 250 x 95	√		3	€ 681,00
	SmartSolar MPPT 250/60-MC4	SCC125060321	200 x 250 x 95	√		3	€ 681,00
	SmartSolar MPPT 250/70-Tr	SCC125070221	200 x 250 x 95	√		3	€ 786,00
	SmartSolar MPPT 250/70-Tr VE.Can	SCC125070421	200 x 250 x 95	√		3	€ 838,00
	SmartSolar MPPT 250/70-MC4 VE.Can	SCC125070521	200 x 250 x 95	√		3	€ 838,00
	SmartSolar MPPT 250/85-Tr VE.Can	SCC125085411	216 x 295 x 103	√		4,5	€ 901,00
	SmartSolar MPPT 250/85-MC4 VE.Can	SCC125085511	216 x 295 x 103	√		4,5	€ 917,00
	SmartSolar MPPT 250/100-Tr VE.Can	SCC125110412	216 x 295 x 103	√		4,5	€ 1.006,00
	SmartSolar MPPT 250/100-MC4 VE.Can	SCC125110512	216 x 295 x 103	√		4,5	€ 1.022,00
	Inverting remote on-off cable	ASS030550120		√			€ 21,00
	VE.Direct TX digital output cable (PWM light dimming cable)	ASS030550500		√			€ 10,00
	SmartSolar Pluggable Display	SCC900850010		√			€ 52,00
	MPPT Control (VE.Direct cable not included)	SCC900500000	65 x 65 x 30	√		0,3	€ 84,00
	VE.Direct non inverting remote on-off cable	ASS030550320		√			€ 21,00
	Smart Battery Sense	SBS050150200		√			€ 42,00

Pay-as-you-go enabled solar home systems				hxwxd	€	kg	Ex VAT
	SHS 200 MPPT v3.0 MC4	SHS121409230	148 x 204 x 67	✓		0,39	€ 136,00
	Battery Box for SHS 200	SHS800300300	268 x 207 x 364	✓			€ 73,00
<b>Wireboxes for Solar Charge Controllers</b>							
	MPPT WireBox-S 75-10/15 (for 75-10 & 75/15)	SCC950100000		✓			€ 25,00
	MPPT WireBox-S 100-15 (for 100/15)	SCC950120000		✓			€ 25,00
	MPPT WireBox-S 100-20 (for 100/20)	SCC950140000		✓			€ 25,00
	MPPT WireBox-M (for models with h=130mm)	SCC950200000		✓			€ 31,00
	MPPT WireBox-L Tr (for Tr models, h=200mm)	SCC950300210		✓			€ 38,00
	MPPT WireBox-L MC4 (for MC4 models, h=200mm)	SCC950300300		✓			€ 38,00
	MPPT WireBox-L MC4 (for MC4 & MC4 VE.Can, h=200mm)	SCC950300310		✓			€ 38,00
	MPPT WireBox-XL Tr (for Tr & Tr VE.can, h=216mm)	SCC950400210		✓			€ 38,00
	MPPT WireBox-XL MC4 (for MC4 models, h=216mm)	SCC950400300		✓			€ 38,00
	MPPT WireBox-XL MC4 (for MC4 & MC4 VE.Can, h=216mm)	SCC950400310		✓			€ 38,00
<b>BATTERIES</b>							
AGM Deep Cycle (C20 capacity)			lxwxh		Handle	kg	CCA @ 0°F / RES CAP @ 80°F
	6V/240Ah AGM Deep Cycle Batt.	BAT406225084	320 x 176 x 247	✓	✓	31	€ 332,00
	12V/8Ah AGM Deep Cycle Batt.	BAT212070084	151 x 65 x 101	✓		2,3	€ 24,00
	12V/14Ah AGM Deep Cycle Batt.	BAT212120086	151 x 98 x 101	✓		4,4	€ 45,00
	12V/22Ah AGM Deep Cycle Batt.	BAT212200084	181 x 77 x 167	✓		5,8	€ 60,00
	12V/38Ah AGM Deep Cycle Batt.	BAT412350084	197 x 165 x 170	✓		15	€ 141,00
	12V/60Ah AGM Deep Cycle Batt.	BAT412550084	229 x 138 x 227	✓		18 280 / 80	€ 162,00
	12V/90Ah AGM Deep Cycle Batt.	BAT412800084	350 x 167 x 183	✓	✓	27 400 / 130	€ 239,00
	12V/110Ah AGM Deep Cycle Batt.	BAT412101084	330 x 171 x 220	✓	✓	32 500 / 170	€ 300,00
	12V/130Ah AGM Deep Cycle Batt.	BAT412121084	410 x 176 x 227	✓	✓	38 550 / 200	€ 353,00
	12V/165Ah AGM Deep Cycle Batt.	BAT412151084	485 x 172 x 240	✓	✓	47 600 / 220	€ 448,00
	12V/220Ah AGM Deep Cycle Batt.	BAT412201084	522 x 238 x 240	✓	✓	65 650 / 250	€ 548,00
	AGM deep cycle battery with threaded insert terminals						
	12V/90Ah AGM Deep Cycle Batt. (M6)	BAT412800085	350 x 167 x 183	✓	✓	27 400 / 130	€ 239,00
	12V/110Ah AGM Deep Cycle Batt. (M8)	BAT412101085	330 x 171 x 220	✓	✓	32 500 / 170	€ 300,00
	12V/165Ah AGM Deep Cycle Batt. (M8)	BAT412151085	485 x 172 x 240	✓	✓	47 600 / 220	€ 448,00
	12V/220Ah AGM Deep Cycle Batt. (M8)	BAT412201085	522 x 238 x 240	✓	✓	65 650 / 250	€ 548,00
	12V/240Ah AGM Deep Cycle Batt. (M8)	BAT412124081	522 x 240 x 224	✓	✓	67 650 / 250	€ 558,00
AGM Super Cycle battery with threaded insert terminals							
	12V/15Ah AGM Super Cycle Batt. (Faston 6.3x0.8mm)	BAT412015080	151 x 99 x 103	✓		4,1	€ 45,00
	12V/25Ah AGM Super Cycle Batt. (M5)	BAT412025081	181 x 77 x 175	✓		6,5	€ 64,00
	12V/38Ah AGM Super Cycle Batt. (M5)	BAT412038081	267 x 77 x 175	✓		9,5	€ 132,00
	12V/60Ah AGM Super Cycle Batt. (M5)	BAT412060081	224 x 135 x 178	✓		14 300 / 90	€ 169,00
	12V/100Ah AGM Super Cycle Batt. (M6)	BAT412100081	260 x 168 x 215	✓		26 500 / 170	€ 315,00
	12V/125Ah AGM Super Cycle Batt. (M8)	BAT412112081	330 x 171 x 214	✓		33 550 / 220	€ 397,00
	12V/170Ah AGM Super Cycle Batt. (M8)	BAT412117081	339 x 172 x 281	✓		45 600 / 290	€ 500,00
	12V/230Ah AGM Super Cycle Batt. (M8)	BAT412123081	532 x 207 x 226	✓		57 700 / 400	€ 684,00
AGM deep cycle telecom battery with threaded insert terminals							
	12V/115Ah AGM Telecom Batt. (M8)	BAT412105164	395 x 110 x 293	✓	✓	35 500 / 200	€ 331,00
	12V/165Ah AGM Telecom Batt. (M8)	BAT412151164	548 x 105 x 316	✓	✓	49 600 / 220	€ 462,00
	12V/200Ah AGM Telecom Batt. (M8)	BAT412181164	546 x 125 x 323	✓	✓	59 650 / 250	€ 527,00
GEL Deep Cycle (C20 capacity)							
	12V/60Ah Gel Deep Cycle Batt.	BAT412550104	229 x 138 x 227	✓		19 250 / 70	€ 187,00
	12V/66Ah Gel Deep Cycle Batt.	BAT412600104	258 x 166 x 235	✓		24 270 / 80	€ 233,00
	12V/90Ah Gel Deep Cycle Batt.	BAT412800104	350 x 167 x 183	✓	✓	26 360 / 120	€ 246,00
	12V/110Ah Gel Deep Cycle Batt.	BAT412101104	330 x 171 x 220	✓	✓	33 450 / 150	€ 305,00
	12V/130Ah Gel Deep Cycle Batt.	BAT412121104	410 x 176 x 227	✓	✓	38 500 / 180	€ 358,00
	12V/165Ah Gel Deep Cycle Batt.	BAT412151104	485 x 172 x 240	✓	✓	48 550 / 200	€ 461,00
	12V/220Ah Gel Deep Cycle Batt.	BAT412201104	522 x 238 x 240	✓	✓	66 600 / 220	€ 564,00
12V/265Ah Gel Deep Cycle Batt. (M8)	BAT412126101	520 x 268 x 223	✓	✓	75 650 / 250	€ 828,00	
Lead Carbon Battery with threaded insert terminals							
	Lead Carbon Battery 12V/106Ah (M8)	BAT612110081	410 x 180 x 210	✓		36	€ 373,00
	Lead Carbon Battery 12V/160Ah (M8)	BAT612116081	532 x 207 x 226	✓		55	€ 559,00
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							

SOLAR PANELS		hxwx	€	e	cells	kg	Ex VAT	
 Monocrystalline panel	20W-12V Mono 440x350x25mm series 4a*	SPM040201200	√	36	1.9		€ 38,00	
	30W-12V Mono 560x350x25mm series 4a*	SPM040301200	√	36	2.2		€ 44,00	
	40W-12V Mono 425x668x25mm series 4a*	SPM040401200	√	36	3.1		€ 56,00	
	55W-12V Mono 545x668x25mm series 4a*	SPM040551200	√	36	4.0		€ 72,00	
	90W-12V Mono 780x668x30mm series 4a	SPM040901200	√	36	6.1		€ 113,00	
	115W-12V Mono 1015x668x30mm series 4a	SPM041151200	√	36	8.0		€ 130,00	
	140W-12V Mono 1250x668x30mm series 4a	SPM041401200	√	36	9.0		€ 146,00	
	175W-12V Mono 1485x668x30mm series 4a	SPM041751200	√	36	11.0		€ 171,00	
	215W-24V Mono 1580x808x35mm series 4a	SPM042152400	√	72	15.0		€ 252,00	
	305W-20V Mono 1658x1002x35mm series 4b	SPM043052002	√	60	18.4		€ 299,00	
360W-24V Mono 1980x1002x40mm series 4b	SPM043602402	√	72	22.5		€ 334,00		
 Polycrystalline panel	20W-12V Poly 440x350x25mm series 4a*	SPP040201200	√	36	1.9		€ 37,00	
	30W-12V Poly 665x350x25mm series 4a*	SPP040301200	√	36	2.8		€ 41,00	
	45W-12V Poly 425x668x25mm series 4a*	SPP040451200	√	36	3.1		€ 59,00	
	60W-12V Poly 545x668x25mm series 4a*	SPP040601200	√	36	4.0		€ 73,00	
	90W-12V Poly 780x668x30mm series 4a	SPP040901200	√	36	6.1		€ 109,00	
	115W-12V Poly 1030x668x30mm series 4b	SPP041151202	√	36	8.0		€ 119,00	
	175W-12V Poly 1485x668x30mm series 4a	SPP041751200	√	36	12.0		€ 150,00	
	270W-20V Poly 1640x992x35mm series 4a	SPP042702000	√	60	18.4		€ 230,00	
	330W-24V Poly 1980x1002x40mm series 4b	SPP043302402	√	72	22.5		€ 275,00	
	* without connection cable and MC4 connector							
<b>SOLAR CABLES</b>								
Solar Cable (4 mm <sup>2</sup> ) with pre-assembled male and female MC4 (PV-ST01) connectors								
 Solar splitter pair MC4-Y	Length 1 m	SCA000100000	√				€ 10,00	
	Length 3 m	SCA000300000	√				€ 16,00	
	Length 5 m	SCA000500000	√				€ 23,00	
Solar Cable (6 mm <sup>2</sup> ) with pre-assembled male and female MC4 (PV-ST01) connectors								
 Solar connector pair MC4	Length 1 m	SCA000100100	√				€ 12,00	
	Length 3 m	SCA000300100	√				€ 19,00	
	Length 5 m	SCA000500100	√				€ 29,00	
	Length 10 m	SCA001000100	√				€ 43,00	
	Length 20 m	SCA002000100	√				€ 80,00	
Solar adapter cable MC4 male to MC3 female, length 15 cm		SCA500100000					€ 10,00	
Solar adapter cable MC4 female to MC3 male, length 15 cm		SCA500200000					€ 10,00	
Solar splitter pair MC4-Y, 1x M-2F / 1x F-2M		SCA520500000					€ 28,00	
Solar connector pair MC4, 1x Male / 1x Female		SCA520300000					€ 10,00	
Solar Cable with male and female MC4 connectors								
MC4 male to MC3 female								
MC4 female to MC3 male								
<b>LITHIUM (LiFePO4) BATTERIES</b>								
 LiFePO4 battery	LiFePO4 battery 12,8V/50Ah - Smart	BAT512050610	√	√	12		€ 624,00	
	LiFePO4 battery 12,8V/100Ah - Smart	BAT512110610	√	√	15		€ 1.024,00	
	LiFePO4 battery 12,8V/160Ah - Smart	BAT512116610	√	√	20		€ 1.470,00	
	LiFePO4 battery 12,8V/180Ah - Smart	BAT512118610	√	★	20		€ 1.719,00	
	LiFePO4 Battery 12,8V/200Ah - Smart	BAT512120610	√	√	22		€ 2.023,00	
	LiFePO4 Battery 12,8V/330Ah - Smart	BAT512132410	√	√	30		€ 3.362,00	
	LiFePO4 Battery 25,6V/100Ah - Smart	BAT524110610	√	√	28		€ 2.090,00	
	LiFePO4 Battery 25,6V/200Ah - Smart-a	BAT524120610	√	√	39		€ 3.593,00	
	<b>VE.Bus BMS</b>							
	VE.Bus BMS		BMS300200000	√	√	0.09		€ 138,00
VE.Bus BMS V2		BMS300200200	√	√	0.12		€ 175,00	
<b>smallBMS</b>								
smallBMS		BMS400100000	√				€ 52,00	
<b>Inverting remote on-off cable</b>								
Inverting remote on-off cable		ASS030550120	√				€ 21,00	
Non inverting remote on-off cable		ASS030550200	√				€ 21,00	
SolidSwitch 104		BMS800200104	√		23 x 67 x 58		€ 42,00	
VE.Bus BMS to BMS 12-200 alternator control cable		ASS030510120	√				€ 41,00	
 VE.Bus BMS V2	Cyrix-Li-load 12/24V-120A	CYR010120450	√		46 x 46 x 80	0.1	€ 70,00	
	Cyrix-Li-load 24/48V-120A	CYR020120450	√		46 x 46 x 80	0.1	€ 70,00	
	Cyrix-Li-Charge 12/24V-120A	CYR010120430	√		46 x 46 x 80	0.1	€ 81,00	
	Cyrix-Li-Charge 24/48V-120A	CYR020120430	√		46 x 46 x 80	0.1	€ 81,00	
	Cyrix-Li-ct 12/24V-120A combiner	CYR010120412	√		46 x 46 x 80	0.1	€ 81,00	
	Cyrix-Li-load 12/24V-230A	CYR010230450	√		65 x 100 x 50	0.27	€ 173,00	
	Cyrix-Li-load 24/48V-230A	CYR020230450	√		65 x 100 x 50	0.27	€ 173,00	
	Cyrix-Li-Charge 12/24V-230A	CYR010230430	√		65 x 100 x 50	0.27	€ 173,00	
	Cyrix-Li-Charge 24/48V-230A	CYR020230430	√		65 x 100 x 50	0.27	€ 173,00	
	Cyrix-Li-ct 12/24V-230A combiner	CYR010230412	√		65 x 100 x 50	0.27	€ 173,00	
<b>Battery Management System 12/200</b>								
Battery Management System 12/200		BMS012201000	√		65 x 120 x 260	2	€ 229,00	
Smart BMS 12/200		BMS210055000	√		65 x 120 x 340	1.8	€ 262,00	
Smart BMS CL 12/100		BMS110022000	√		65 x 120 x 224	1.6	€ 189,00	
Cable for Smart BMS CL 12/100		ASS070200100	√				€ 21,00	
<b>Cables with M8 circular connector (for Li-ion batteries): see DATA CABLES</b>								
 Peak Power Pack 12,8V/20Ah	Victron Peak Power Pack 12,8V/20Ah 256Wh	PPP012020000	√		132 x 190 x 172	3.8	€ 452,00	
	Victron Peak Power Pack 12,8V/30Ah 384Wh	PPP012030000	√		172 x 190 x 172	5.4	€ 628,00	
	Victron Peak Power Pack 12,8V/40Ah 512Wh	PPP012040000	√		212 x 190 x 172	8.6	€ 785,00	
 Lithium SuperPack 12,8V/60Ah	Lithium SuperPack 12,8V/20Ah (M5)	BAT512020705	√		167 x 181 x 77	3.5	€ 214,00	
	Lithium SuperPack 12,8V/60Ah (M6)	BAT512060705	√		213 x 229 x 138	9.5	€ 484,00	
	Lithium SuperPack 12,8V/100Ah High current (M8)	BAT512110710	√		220 x 330 x 172	15	€ 888,00	
	Lithium SuperPack 12,8V/200Ah (M8)	BAT512120705	√		208 x 520 x 269	21	€ 1.685,00	
Lithium SuperPack 25,6V/50Ah (M8)	BAT524050705	√		220 x 330 x 172	14	€ 1.072,00		

APPENDIX	INVERTERS: ALTERNATIVE OUTLETS		hxwx	€	e	kg	Ex VAT
	230VAC/50Hz Sinewave						
	Phoenix 12/250 VE.Direct IEC	PIN121251100	86 x 165 x 260	√	√	2.4	€ 109,00
	Phoenix 12/250 VE.Direct AU/NZ (AS/NZS 3112)	PIN121251300	86 x 165 x 260	√	√	2.4	€ 109,00
	Phoenix 12/250 VE.Direct UK (BS 1363)	PIN121251400	86 x 165 x 260	√	√	2.4	€ 109,00
	Phoenix 12/375 VE.Direct IEC	PIN121371100	86 x 165 x 260	√	√	3.0	€ 140,00
	Phoenix 12/375 VE.Direct AU/NZ (AS/NZS 3112)	PIN121371300	86 x 165 x 260	√	√	3.0	€ 140,00
	Phoenix 12/375 VE.Direct UK (BS 1363)	PIN121371400	86 x 165 x 260	√	√	3.0	€ 140,00
	Phoenix 12/500 VE.Direct IEC	PIN121501100	86 x 172 x 275	√	√	3.9	€ 175,00
	Phoenix 12/500 VE.Direct AU/NZ (AS/NZS 3112)	PIN121501300	86 x 172 x 275	√	√	3.9	€ 175,00
	Phoenix 12/500 VE.Direct UK (BS 1363)	PIN121501400	86 x 172 x 275	√	√	3.9	€ 175,00
	Phoenix 12/800 VE.Direct IEC	PIN121801100	105 x 216 x 305	√	√	5.5	€ 316,00
	Phoenix 12/800 VE.Direct AU/NZ (AS/NZS 3112)	PIN121801300	105 x 216 x 305	√	√	5.5	€ 316,00
	Phoenix 12/800 VE.Direct UK (BS 1363)	PIN121800400	105 x 216 x 305	√	√	5.5	€ 316,00
	Phoenix 12/1200 VE.Direct IEC	PIN122121100	117 x 232 x 362	√	√	8.5	€ 418,00
	Phoenix 12/1200 VE.Direct AU/NZ (AS/NZS 3112)	PIN122121300	117 x 232 x 362	√	√	8.5	€ 418,00
	Phoenix 12/1200 VE.Direct UK (BS 1363)	PIN122121400	117 x 232 x 362	√	√	8.5	€ 418,00
	Phoenix 24/250 VE.Direct IEC	PIN241251100	86 x 165 x 260	√	√	2.4	€ 109,00
	Phoenix 24/250 VE.Direct AU/NZ (AS/NZS 3112)	PIN241251300	86 x 165 x 260	√	√	2.4	€ 109,00
	Phoenix 24/250 VE.Direct UK (BS 1363)	PIN242510400	86 x 165 x 260	√	√	2.4	€ 109,00
	Phoenix 24/375 VE.Direct IEC	PIN243750100	86 x 165 x 260	√	√	3.0	€ 140,00
	Phoenix 24/375 VE.Direct AU/NZ (AS/NZS 3112)	PIN243750300	86 x 165 x 260	√	√	3.0	€ 140,00
	Phoenix 24/375 VE.Direct UK (BS 1363)	PIN243750400	86 x 165 x 260	√	√	3.0	€ 140,00
	Phoenix 24/500 VE.Direct IEC	PIN245010100	86 x 172 x 275	√	√	3.9	€ 175,00
	Phoenix 24/500 VE.Direct AU/NZ (AS/NZS 3112)	PIN241501300	86 x 172 x 275	√	√	3.9	€ 175,00
	Phoenix 24/500 VE.Direct UK (BS 1363)	PIN241501400	86 x 172 x 275	√	√	3.9	€ 175,00
	Phoenix 24/800 VE.Direct IEC	PIN241800100	105 x 216 x 305	√	√	5.5	€ 316,00
	Phoenix 24/800 VE.Direct AU/NZ (AS/NZS 3112)	PIN241801300	105 x 216 x 305	√	√	5.5	€ 316,00
	Phoenix 24/800 VE.Direct UK (BS 1363)	PIN241800400	105 x 216 x 305	√	√	5.5	€ 316,00
	Phoenix 24/1200 VE.Direct IEC	PIN242121100	117 x 232 x 327	√	√	7.4	€ 418,00
	Phoenix 24/1200 VE.Direct AU/NZ (AS/NZS 3112)	PIN242121300	117 x 232 x 327	√	√	7.4	€ 418,00
	Phoenix 24/1200 VE.Direct UK (BS 1363)	PIN242121400	117 x 232 x 327	√	√	7.4	€ 418,00
	Phoenix 48/250 VE.Direct IEC	PIN482510100	86 x 165 x 260	√	√	2.4	€ 127,00
	Phoenix 48/250 VE.Direct AU/NZ (AS/NZS 3112)	PIN482510300	86 x 165 x 260	√	√	2.4	€ 127,00
	Phoenix 48/250 VE.Direct UK (BS 1363)	PIN482510400	86 x 165 x 260	√	√	2.4	€ 127,00
	Phoenix 48/375 VE.Direct IEC	PIN483750100	86 x 165 x 260	√	√	3.0	€ 158,00
	Phoenix 48/375 VE.Direct AU/NZ (AS/NZS 3112)	PIN483750300	86 x 165 x 260	√	√	3.0	€ 158,00
	Phoenix 48/375 VE.Direct UK (BS 1363)	PIN483750400	86 x 165 x 260	√	√	3.0	€ 158,00
	Phoenix 48/500 VE.Direct IEC	PIN485010100	86 x 172 x 275	√	√	3.9	€ 229,00
	Phoenix 48/500 VE.Direct AU/NZ (AS/NZS 3112)	PIN485010300	86 x 172 x 275	√	√	3.9	€ 229,00
	Phoenix 48/500 VE.Direct UK (BS 1363)	PIN485010400	86 x 172 x 275	√	√	3.9	€ 229,00
	Phoenix 48/800 VE.Direct IEC	PIN481801100	105 x 216 x 305	√	√	5.5	€ 339,00
	Phoenix 48/800 VE.Direct AU/NZ (AS/NZS 3112)	PIN481800300	105 x 216 x 305	√	√	5.5	€ 339,00
	Phoenix 48/800 VE.Direct UK (BS 1363)	PIN481801400	105 x 216 x 305	√	√	5.5	€ 339,00
	Phoenix 48/1200 VE.Direct IEC	PIN482120100	117 x 232 x 327	√	√	7.4	€ 499,00
	Phoenix 48/1200 VE.Direct UK (BS 1363)	PIN482120400	117 x 232 x 327	√	√	7.4	€ 499,00



Phoenix 12/375 VE.Direct

VE.Direct inverter app  
(VE.Direct Bluetooth dongle needed)

APPENDIX	BATTERY CHARGERS: ALTERNATIVE AC PLUGS	hxwx	€	kg	Ex VAT
	<b>1 output, natural convection cooling. With BS 1363 plug (UK)</b>				
	Blue Smart IP65 Charger 6V/12V-1.1 + DC connector	BPC120134024R 36 x 65 x 149	√	0.4	€ 63,00
	Blue Smart IP65s Charger 12/4 + DC connector	BPC120433024R 45 x 81 x 182	√	0.6	€ 86,00
	Blue Smart IP65s Charger 12/5 + DC connector	BPC120533024R 45 x 81 x 182	√	0.6	€ 95,00
	Blue Smart IP65 Charger 12/7 + DC connector	BPC120731024R 47 x 95 x 190	√	0.8	€ 125,00
	Blue Smart IP65 Charger 12/10 + DC connector	BPC121031024R 60 x 105 x 190	√	0.9	€ 148,00
	Blue Smart IP65 Charger 12/15 + DC connector	BPC121531024R 60 x 105 x 190	√	0.8	€ 170,00
	Blue Smart IP65 Charger 12/25 + DC connector	BPC122531024R 75 x 140 x 240	√	1.9	€ 227,00
	Blue Smart IP65 Charger 24/8 + DC connector	BPC240831024R 60 x 105 x 190	√	0.9	€ 170,00
	Blue Smart IP65 Charger 24/13 + DC connector	BPC241331024R 75 x 140 x 240	√	1.9	€ 227,00
	<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	€ 150,00
	Blue Smart IP22 Charger 12/15 (3)	BPC121544022 235 x 108 x 65	√	1.4	€ 173,00
	Blue Smart IP22 Charger 12/20 (1)	BPC122042022 235 x 108 x 65	√	1.4	€ 180,00
	Blue Smart IP22 Charger 12/20 (3)	BPC122043022 235 x 108 x 65	√	1.4	€ 203,00
	Blue Smart IP22 Charger 12/30 (1)	BPC123047022 235 x 108 x 65	√	1.4	€ 216,00
	Blue Smart IP22 Charger 12/30 (3)	BPC123048022 235 x 108 x 65	√	1.4	€ 244,00
	Blue Smart IP22 Charger 24/12(1)	BPC241242022 235 x 108 x 65	√	1.4	€ 185,00
	Blue Smart IP22 Charger 24/16 (1)	BPC241647022 235 x 108 x 65	√	1.4	€ 221,00
	Blue Smart IP22 Charger 24/16 (3)	BPC241648022 235 x 108 x 65	√	1.4	€ 250,00
	<b>1 output, natural convection cooling. With BS 1363 plug (UK)</b>				
	Blue Smart IP67 Charger 12/7(1)	BPC120747026 85 x 211 x 60	√	1.8	€ 118,00
	Blue Smart IP67 Charger 12/13(1)	BPC121347026 85 x 211 x 60	√	1.8	€ 140,00
	Blue Smart IP67 Charger 12/17(1)	BPC121747026 99 x 219 x 65	√	2.4	€ 154,00
	Blue Smart IP67 Charger 12/25(1)	BPC122547026 99 x 219 x 65	√	2.4	€ 200,00
	Blue Smart IP67 Charger 24/12(1)	BPC241247026 99 x 219 x 65	√	2.4	€ 200,00
	<b>1 output, natural convection cooling. With AS/NZS 3112 plug (AU/NZ)</b>				
	Blue Smart IP65 Charger 6V/12V-1.1 + DC connector	BPC120134014R 36 x 65 x 149	√	0.4	€ 63,00
	Blue Smart IP65s Charger 12/4 + DC connector	BPC120433014R 45 x 81 x 182	√	0.8	€ 86,00
	Blue Smart IP65s Charger 12/5 + DC connector	BPC120533014R 45 x 81 x 182	√	0.6	€ 95,00
	Blue Smart IP65 Charger 12/7 + DC connector	BPC120731014R 47 x 95 x 190	√	0.8	€ 125,00
	Blue Smart IP65 Charger 12/10 + DC connector	BPC121031014R 60 x 105 x 190	√	0.9	€ 148,00
	Blue Smart IP65 Charger 12/15 + DC connector	BPC121531014R 60 x 105 x 190	√	0.9	€ 170,00
	Blue Smart IP65 Charger 12/25 + DC connector	BPC122531014R 75 x 140 x 240	√	1.9	€ 227,00
	Blue Smart IP65 Charger 24/5 + DC connector	BPC240531014R 47 x 95 x 190	√	0.8	€ 125,00
	Blue Smart IP65 Charger 24/8 + DC connector	BPC240831014R 60 x 105 x 190	√	0.9	€ 170,00
	Blue Smart IP65 Charger 24/13 + DC connector	BPC241331014R 75 x 140 x 240	√	1.9	€ 227,00
	<b>1 output or 3 outputs, fan assisted cooling. With AS/NZS 3112 plug (AU/NZ)</b>				
	Blue Smart IP22 Charger 12/15(1)	BPC121542012 235 x 108 x 65	√	1.4	€ 150,00
	Blue Smart IP22 Charger 12/15(3)	BPC121544012 235 x 108 x 65	√	1.4	€ 173,00
	Blue Smart IP22 Charger 12/20(1)	BPC122042012 235 x 108 x 65	√	1.4	€ 180,00
	Blue Smart IP22 Charger 12/20(3)	BPC122043012 235 x 108 x 65	√	1.4	€ 203,00
	Blue Smart IP22 Charger 12/30 (1)	BPC123047012 235 x 108 x 65	√	1.4	€ 216,00
	Blue Smart IP22 Charger 12/30 (3)	BPC123048012 235 x 108 x 65	√	1.4	€ 244,00
	Blue Smart IP22 Charger 24/12(1)	BPC241242012 235 x 108 x 65	√	1.4	€ 185,00
	Blue Smart IP22 Charger 24/16 (1)	BPC241647012 235 x 108 x 65	√	1.4	€ 221,00
	Blue Smart IP22 Charger 24/16 (3)	BPC241648012 235 x 108 x 65	√	1.4	€ 250,00
	<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	€ 118,00
	Blue Smart IP67 Charger 12/13(1)	BPC121347016 85 x 211 x 60	√	1.8	€ 140,00
	Blue Smart IP67 Charger 12/17 (1)	BPC121713016 99 x 219 x 65	√	2.4	€ 154,00
	Blue Smart IP67 Charger 12/25 (1)	BPC122547016 99 x 219 x 65	√	2.4	€ 200,00
	Blue Smart IP67 Charger 24/5(1)	BPC240547016 85 x 211 x 60	√	2.4	€ 118,00
	Blue Smart IP67 Charger 24/8(1)	BPC240847016 99 x 219 x 65	√	2.4	€ 154,00
	Blue Smart IP67 Charger 24/12 (1)	BPC241247016 99 x 219 x 65	√	2.4	€ 200,00
	<b>1 output, natural convection cooling. With CEE 7/16 plug</b>				
	Blue Smart IP65 Charger 6V/12V-1.1 + DC connector	BPC120134034R 36 x 65 x 149	√	0.4	€ 63,00
	Blue Smart IP65s Charger 12/4 + DC connector	BPC120433034R 45 x 81 x 182	√	0.6	€ 86,00
	Blue Smart IP65s Charger 12/5 + DC connector	BPC120533034R 45 x 81 x 182	√	0.6	€ 95,00
	Blue Smart IP65 Charger 12/7 + DC connector	BPC120731034R 47 x 95 x 190	√	0.8	€ 125,00
	Blue Smart IP65 Charger 12/10 + DC connector	BPC121031034R 60 x 105 x 190	√	0.9	€ 148,00
	Blue Smart IP65 Charger 12/15 + DC connector	BPC121531034R 60 x 105 x 190	√	0.9	€ 170,00
	Blue Smart IP65 Charger 12/25 + DC connector	BPC122531034R 75 x 140 x 240	√	1.9	€ 227,00
	Blue Smart IP65 Charger 24/5 + DC connector	BPC240531034R 47 x 95 x 190	√	0.8	€ 125,00
	Blue Smart IP65 Charger 24/8 + DC connector	BPC240831034R 60 x 105 x 190	√	0.9	€ 170,00
	Blue Smart IP65 Charger 24/13 + DC connector	BPC241331034R 75 x 140 x 240	√	1.9	€ 227,00

#### CONDITIONS

These recommended prices for end users are a guideline only.  
Prices can vary depending on local conditions

All prices are per unit  
All prices are Ex VAT  
All prices are Ex Works Oostrum (Venray), the Netherlands

**Victron Energy B.V.**  
De Paal 35  
1351 JG Almere  
The Netherlands

[www.victronenergy.com](http://www.victronenergy.com)

Warranty to end users

- Li-ion batteries: 3 year limited warranty
- Other batteries: 2 year limited warranty
- All other products: 5 year limited warranty
- All other products: 10% surcharge on actual net price for 5 year warranty extension (10 year warranty)
- Warranty extensions need to be applied for ultimately one year before expiration of the original term.

All our quotations, sales, deliveries and services are subject to our General Conditions of Delivery and Sale which are deposited at the Lelystad Chamber of Commerce, registration nr 39059013





# Energy. Anytime. Anywhere.

With over 48 years of experience, Victron Energy enjoys an unrivalled reputation for technical innovation, reliability and quality. Victron is a world leader in the supply of **self-supporting electrical power**. Our products have been designed to meet the most demanding situations faced by a diversity of craft, recreational and commercial alike. Victron's ability to meet the demand for customized off-grid systems is unprecedented. Our product range includes sine wave inverters and inverter/chargers, battery chargers, DC-DC converters, transfer switches, gel and AGM batteries, alternators, battery monitors, solar charge regulators, solar panels, complete network solutions and many other innovative solutions.

## World-wide service and support

Having served the off-grid, industrial and vehicle markets as well as both the commercial and leisure marine sectors for over 48 years, Victron has an established network of dealers and distributors covering the whole world. Our customer base is such that providing prompt and competent local service is essential. This is reflected in our flexible approach to service support and our commitment to quick turnaround for repairs. There are countless examples of Victron products that have provided for decades of **reliable service in the most demanding applications**. This level of reliability combined with the highest level of technical know-how results in Victron Energy power systems that offer the very best value available.





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2023-07



**Victron Energy B.V.**

E-mail: [sales@victronenergy.com](mailto:sales@victronenergy.com)  
[www.victronenergy.com](http://www.victronenergy.com)



Energy. Anytime. Anywhere.