

PHOTOVOLTAIC PRODUCT CATALOG

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Photovoltaic Solar Panels

Item No.	Article	Unit	Price
Photovoltaic panels			
ModP0019	Solar Panel PV 20W, 12V	Un	39,00 €
ModP0025	Solar Panel PV 50W, 12V	Un	75,02 €
ModP0027	Painel Solar PV 160W	Un	163,23 €
ModM0023	Painel Solar PV 150W	Un	177,55 €
ModM0065	JASOLAR JAM60S20-385MR - 35mm	Un	sob consulta / upon request
ModM0072	JASOLAR JAM60S20-385MR - 30mm	Un	sob consulta / upon request
ModM0081	JASOLAR JAM54S31-400MR Black Frame	Un	sob consulta / upon request
ModM0080	JASOLAR JAM54S30-415/GR	Un	sob consulta / upon request
ModM0050	JASOLAR JAM72S20-460MR	Un	sob consulta / upon request
ModM0049	JASOLAR JAM72S30-535MR EOL	Un	sob consulta / upon request
ModM0053	JASOLAR JAM72S30-540 MR	Un	sob consulta / upon request
ModM0075	JASOLAR JAM72S30-545 MR 30mm	Un	sob consulta / upon request
ModM0077	JASOLAR JAM66S30-500/MR SF	Un	sob consulta / upon request
ModM0078	JASOLAR JAM72D30-540/MB double glass	Un	sob consulta / upon request
ModM0079	JASOLAR JAM72S30-550/GR	Un	sob consulta / upon request
ModM0076	PHONO SOLAR PS550M6H-24/TH, silver, 35mm	Un	sob consulta / upon request
ModM0062	MEYER-Burger 370 White	Un	sob consulta / upon request
ModM0063	MEYER-Burger >370 Black	Un	sob consulta / upon request
ModM0073	MEYER-Burger 375 White	Un	sob consulta / upon request
ModM0064	MEYER-Burger 370 Glass-Glass	Un	sob consulta / upon request

Electric Vehicle Chargers

Item No.	Article	Unit	Price
CVE0001	SMA EV Charger 22 (EVC22-3AC-10) cable 5 m	Un	1 937,57 €
CVE0002	SMA EV Charger 7.4 (EVC 7,4-1AC-10) cable 5 m	Un	1 493,24 €
CVE0015	SMA EV Charger 22 (EVC22-3AC-10) cable 10 m	Un	2 024,98 €
CVE0014	SMA EV Charger 7.4 (EVC 7,4-1AC-10) cable 10 m	Un	1 558,80 €
CVE0021	SMA EV Charger 22 (EVC22-3AC-10) cabo 7,5 mts	Un	2 074,88 €
CVE0022	SMA EV Charger 7.4 (EVC7,4-1AC-10) cabo 7,5 mts	Un	1 603,89 €
CVE0023	SMA EV 3-phase AC charging cable as spare part 5.0m	Un	240,64 €
CVE0024	SMA EV 3-phase AC charging cable as spare part 7.5m	NEW Un	309,31 €
CVE0025	SMA EV 3-phase AC charging cable as spare part 10.0m	NEW Un	379,61 €
CVE0026	SMA EV 1- phase AC charging cable as spare part 5.0m	NEW Un	217,92 €
CVE0027	SMA EV 1- phase AC charging cable as spare part 7.5m	NEW Un	271,57 €

Item No.	Article		Unit	Price
CVE0028	SMA EV 1-phase AC charging cable as spare part 10.0m	NEW	Un	312,57 €
CVE0029	SMA EV Charger Business AC-double Charger 2x22KW Type 2 RFID	NEW	Un	4 982,16 €
CVE0030	SMA EV Charger Business AC-double Charger 2x22KW Type 2	NEW	Un	5 392,91 €
CVE0031	SMA EV Grounding - EV Charger Business	NEW	Un	507,77 €
CVE0032	SMA EV Cable bracket for wall mounting- alumimium	NEW	Un	63,27 €
CVE0033	SMA EV Pedestal Wallbox EV charger Business 1 lado 1500x370x140mm	NEW	Un	1 474,10 €
CVE0034	SMA EV Pedestal Wallbox EV charger Business 2 lados 1500x370x140mm	NEW	Un	1 621,72 €
CVE0005	Growatt THOR 03-AS-S		Un	500,57 €
CVE0006	Growatt THOR 07-AS-P		Un	661,71 €
CVE0007	Growatt THOR 11-AS-P		Un	985,71 €
CVE0008	Growatt THOR 22-AS-P		Un	1 040,09 €
CVE0009	Growatt RFID CARD		Un	23,57 €
CVE0010	Growatt AC MOUNTING POLE		Un	94,71 €
CVE0011	Growatt AC TYPE2-TYPE 2,1 *32A, 5mts		Un	144,86 €
CVE0012	Growatt AC TYPE2-TYPE 2,3 *32A, 5mts		Un	144,86 €
CVE0013	KOSTAL Wallbox ENECTOR AC 3.7/11	NEW	Un	739,00 €
INVM0168	KOSTAL Software Smart Energy Meter (ENECTOR) (without discount)	NEW	Un	227,84 €
CVE0016	BENY CVEBCPAT2SL Charges up to 32A; 3ph; 22kW; IP65; Card RFID; 6m ; WIFI and Bluetooth; APP; RCD 30mA and Typ B (dc>6mA)		Un	740,74 €
CVE0017	BENY CVEBCPA1L Charges up to 32A; Single phase; 7,4kW; IP65; 6m		Un	588,22 €
CVE0018	BENY CVEBCPB2L Charges up to 32A; Single phase; 7,4kW; IP55; Card RFID; with Socket		Un	489,36 €
CVE0019	BENY CVEBCPA2NL Charges up to 32A; Single phase; 7,4kW; IP55; Card RFID; with Socket; 6m ; WIFI and Bluetooth; APP; Box DLB (load balance)		Un	667,31 €

APsystems Micro-inverters and Accessories



Item No.	Article		Unit	Price
APS microinverters, guarantee: 2 years basic, up to 10 years with ECU and registration				
INVL0363	APS Microinversor DS3L		Un	203,63 €
INVL0364	APS Microinversor DS3		Un	212,69 €
INVA0100	APS Y3 AC bus end cap :YC600(Y)/DS3 / QS1		Un	12,07 €
INVA0155	APS Trunk Cable, 2m : YC600(Y)/DS3 / QS1 (2,5mm2)		Un	14,79 €
INVA0156	APS Y3 AC bus end cap : YC600(Y)/DS3 / QS1		Un	13,96 €
INVA0157	APS Y2 AC Bus Y-CONN Cap para YC600(Y)/DS3 e QS1, protection of unused AC terminals		Un	7,59 €
INVA0165	APS DC extension cable - 2 mts;		Un	7,08 €
INVM0160	APsystems ECU-B ZigBee		Un	58,50 €
INVM0013	APS ECU-R ZigBee (wifi): YC1000-3/ YC600(Y)/DS3 / QS1		Un	202,24 €
INVM0039	APS ECU-C Zigbee		Un	300,86 €
INVM0014	APS CT 80A		Un	11,14 €
INVM0015	APS CT 200A		Un	22,29 €



HUAWEI Optimisers

Item No.	Article	Unit	Price
Huawei optimizers, 25 years warranty			
Opt0008	Huawei OPTIMIZER SUN2000P-450W	Un	49,71 €
	Huawei Smart PV Optimizer, SUN2000-600W-P	Un	

HUAWEI Residencial FusionHome 4-in-1

Item No.	Article	Unit	Price
Huawei Hybrid solar inverters, 10 year warranty			
INVS0055	Huawei SUN2000-2KTL-L1	Un	705,89 €
INVS0056	Huawei SUN2000-3KTL-L1	Un	831,65 €
INVS0057	Huawei SUN2000-3,6KTL-L1	Un	979,19 €
INVS0058	Huawei SUN2000-4KTL-L1	Un	1 016,08 €
INVS0059	Huawei SUN2000-4,6KTL-L1	Un	1 093,21 €
INVS0060	Huawei SUN2000-5KTL-L1	Un	1 102,99 €
INVS0061	Huawei SUN2000-6KTL-L1	Un	1 267,58 €

compatible with LG Chem Resu HV / Huawei LUNA 2000

HUAWEI Residencial FusionHome 4-in-1

Item No.	Article	Unit	Price Un.
Huawei three-phase grid-tied solar inverters, 10 year warranty			
INVS0062	Huawei SUN2000-3KTL-M1	Un	1 236,06 €
INVS0063	Huawei SUN2000-4KTL-M1	Un	1 290,21 €
INVS0064	Huawei SUN2000-5KTL-M1	Un	1 363,49 €
INVS0065	Huawei SUN2000-6KTL-M1	Un	1 522,77 €
INVS0066	Huawei SUN2000-8KTL-M1	Un	1 804,71 €
INVS0067	Huawei SUN2000-10KTL-M1	Un	2 029,30 €

compatible with Huawei LUNA 2000

HUAWEI Comercial Fusion 2 MPPT

Huawei grid-tied solar inverters, 10 year warranty			
INVL0321	Huawei SUN2000-12KTL-M2 EOL	Un	1 962,40 €
INVL0322	Huawei SUN2000-15KTL-M2 EOL	Un	2 215,66 €
	Huawei SUN2000-12KTL-M5	Un	1 962,40 €
	Huawei SUN2000-15KTL-M5	Un	2 215,66 €
	Huawei SUN2000-17KTL-M5	Un	2 260,26 €
	Huawei SUN2000-20KTL-M5	Un	2 387,69 €
	Huawei SUN2000-25KTL-M5	Un	2 715,82 €

HUAWEI Industrial and projects from 4 to 10

Item No.	Article	Unit	Price Un.
INVL0297	Huawei SUN2000-30KTLM3	Un	3 112,44 €
INVL0298	Huawei SUN2000-36KTLM3	Un	3 462,87 €
INVL0299	Huawei SUN2000-40KTLM3	Un	3 732,06 €
INVL0410	Huawei SUN2000-50KTLM3 PROMO	Un	3 403,94 €
INVL0057	Huawei SUN2000-60KTL-M0 EOL	Un	3 902,50 €
INVL0391	Huawei SUN2000-100KTL-M2 AFCI	Un	sob consulta / upon request
	Huawei SUN2000-115KTL-M2	Un	sob consulta / upon request
	Huawei SUN2000-330KT-H1	Un	sob consulta / upon request

Request special prices for projects

HUAWEI Accessories & Monitoring

Item No.	Article	Unit	Price Un.
iAccessories Huawei inverters			
INVM0001	Huawei SmartLogger3000A01EU	Un	571,84 €
INVM0146	Huawei Smart Dongle-WLAN	Un	69,00 €
INVM0147	Huawei Smart Dongle-4G	Un	146,21 €
INVM0148	Huawei Smart Power Sensor DDSU666-H	Un	101,86 €
INVM0149	Huawei Smart Power Sensor DDTU666-H	Un	164,29 €
INVM0151	JANITZA- UMG 103-CBM	Un	402,50 €



SMA Optimisers

Item No.	Article	Unit	Price Un.
SMA TS4R Optimizers, 25 year warranty (requires registration)			
OpT0005	SMA CloudConnectedAdvanced Kit, for outdoor use, incl. CloudConnectedAdvanced , Gateway and DIN rail power supply	Un	327,72 €

SMA Storage Inverters

Item No.	Article	Unit	Price Un.
SMA Inverters, 5 years warranty 10 years with registration			
INVS0008	SMA Sunny Boy Storage 2.5	Un	1 439,68 €
INVS0013	SMA Sunny Boy Storage 3.7	Un	2 299,12 €
INVS0014	SMA Sunny Boy Storage 5.0	Un	2 601,65 €
INVS0015	SMA Sunny Boy Storage 6.0	Un	2 904,17 €

SMA Hybrid Inverters

Item No.	Article	Unit	Price Un.
SMA Inverters, 5 years warranty 10 years with registration			
INVS0113	SMA Sunny Tripower Smart Energy 5.0	NEW Un	2 835,42 €
INVS0114	SMA Sunny Tripower Smart Energy 6.0	NEW Un	3 055,43 €
INVS0115	SMA Sunny Tripower Smart Energy 8.0	NEW Un	3 474,84 €
INVS0116	SMA Sunny Tripower Smart Energy 10.0	NEW Un	3 914,88 €

Compatível com baterias HV / Compatible with High voltage batteries

SMA Sunny Boy Inverters

Item No.	Article	Unit	Price Un.
SMA Inversores, 5 anos de garantia			
INVL0016	SMA Sunny Boy 1.5-1VL-40	Un	835,13 €
INVL0064	SMA Sunny Boy 2.0-1VL-40	Un	1 123,90 €
INVL0017	SMA Sunny Boy 2.5-1VL-40	Un	986,39 €
INVL0222	SMA Sunny Boy 3.0-1AV-41	Un	1 663,38 €
INVL0223	SMA Sunny Boy 3.6-1AV-41	Un	1 257,72 €
INVL0224	SMA Sunny Boy 4.0-1AV-41	Un	1 340,23 €
INVL0225	SMA Sunny Boy 5.0-1AV-41	Un	1 408,99 €
INVL0126	SMA Sunny Boy 6.0-1AV-41	Un	1 512,12 €

SMA Tripower 3-12kW Inverters

Item No.	Article	Unit	Price Un.
SMA Inverters, 5-year warranty			
INVL0216	SMA Sunny Tripower 3.0-3AV-40	Un	1 574,00 €
INVL0217	SMA Sunny Tripower 4.0-3AV-40	Un	1 697,76 €
INVL0218	SMA Sunny Tripower 5.0-3AV-40	Un	1 807,77 €
INVL0226	SMA Sunny Tripower 6.0-3AV-40	Un	2 024,10 €
INVL0220	SMA Sunny Tripower 8.0-3AV-40	Un	2 422,88 €
INVL0221	SMA Sunny Tripower 10.0-3AV-40	Un	2 725,41 €

SMA STP X Inverters

Item No.	Article	Unit	Price Un.
SMA Inverters, 5-year warranty			
INVL0392	SMA Sunny Tripower STP X 12-50	NEW Un	3 137,94 €
INVL0393	SMA Sunny Tripower STP X 15-50	NEW Un	3 351,08 €
INVL0394	SMA Sunny Tripower STP X 20-50	NEW Un	3 577,98 €
INVL0395	SMA Sunny Tripower STP X 25-50	NEW Un	3 742,99 €

SMA CORE Inverters

Item No.	Article	Unit	Price Un.
SMA Inverters, 5 years warranty; Accessories 2 years warranty			
INVL0274	SMA Sunny Tripower CORE2	Un	7 586,43 €
INVL0108	SMA Sunny Tripower CORE1	Un	6 747,61 €
INVA0001	SMA overvoltage protection type II AC SPD_KIT1-10, for STP50-40	Un	39,02 €
INVA0002	SMA overvoltage protection DC type II SPD_KIT4-10, for STP50-40	Un	75,26 €
INVA0146	SMA overvoltage protection type I + II AC_SPD_KIT2-T1T2, for STP50-40	Un	63,62 €
INVA0147	SMA DC overvoltage protection type I + II DC_SPD_KIT5-T1T2, for STP50-40	Un	145,63 €
INVA0148	SMA UMS_KIT-10 Universal Mounting System, for wall, floor and pole installation	Un	167,09 €
INVA0004	SMA MD.SEN40 Sensor interface as retrofit kit for STP 50-40 (Sunny Tripower CORE1)	Un	160,27 €
INVA0006	SMA EXTANT-40 Outdoor Retrofit Antenna Kit	Un	58,53 €
INVA0007	SMA I/O interface as retrofit kit for STP 50-40 (Sunny Tripower CORE1) MD.IO-40	Un	127,89 €
INVA0009	SMA RS485 as retrofit for SMA STP 50-40 (Sunny Tripower CORE1) MD.485-40	Un	133,59 €

SMA SHP Inverters Commercial/Industrial



Item No.	Article		Unit	Price Un.
SMA Inverters, 5 years warranty; Accessories 2 years warranty				
INVL0406	SMA SUNNY HIGHPOWER PEAK3(SHP100-21), 100000W	NEW	Un	10 819,54 €
INVL0407	SMA SUNNY HIGHPOWER PEAK3 (SHP150-21), 150000W	NEW	Un	11 287,08 €
INVL0408	SMA SUNNY HIGHPOWER PEAK3 (SHP172-21), 172000W	NEW	Un	12 703,45 €
INVL0409	SMA SUNNY HIGHPOWER PEAK3 (SHP180-21), 180000W	NEW	Un	13 239,74 €
INVA0166	SMA PV-SW-Box-1500 - PV Switchbox	NEW	Un	540,57 €
INVA0167	SMA SHP-CONN-Plate-2	NEW	Un	43,32 €
INVA0168	SMA COM-WS-100-10 Weather Station 100	NEW	Un	1 636,39 €
INVA0169	SMA COM-WS-200-10 Weather Station 200	NEW	Un	2 440,83 €

SMA Other Products and Accessories

- Energy Meters
- Energy Management
- Connection cables
- Monitoring
- Relays
- Sensors

Item No.	Article		Unit	Price Un.
SMA Accessories, 2 year warranty				
INVM0023	SMA HM-20 Sunny Home Manager		Un	749,44 €
INVM0005	SMA EMETER-20		Un	405,66 €
INVA0064	Edimax SP-2101W V2	NEW	Un	83,23 €
INVM0216	Edimax - SP 210W V3	NEW	Un	83,23 €
INVM0016	SMA DATA MANAGER M		Un	990,08 €
INVM0083	SMA DATA MANAGER M Lite		Un	406,94 €
INVA0029	Power Supply _ Cluster Controller / Data Manager		Un	60,28 €
INVA0149	SMA - I/O system by Moxa (4AI/4DI/4DIO)		Un	445,96 €
INVA0150	SMA - I/O system by Moxa (6RTD)		Un	501,70 €
INVA0151	SMA - I/O system by WAGO (8DI, 8DO, 4AI, 4AO, 2RTD)		Un	836,17 €

INVA0003	SMA DC_SPD_KIT3-10 DC		Un	88,64 €
	SMA MFR01-10		Un	62,56 €
INVA0094	SMA PWCMOD-10		Un	133,79 €
INVA0095	SMA PWCBRD-10		Un	133,79 €
INVA0097	SMA DM-485CB-10		Un	117,01 €
INVM0002	SMA COMGW-10		Un	306,59 €
INVM0113	SMA 485BDR-10		Un	117,01 €
INVM0126	SMA SWDM-10		Un	139,36 €

MON0078	Ambient Temperature Sensor with Platinum Resistance Ta-Pt100, for SMA DATA MANAGER		Un	sob consulta / upon request
MON0079	Module Temperature Sensor with Platinum Resistance Tmodul, Pt100, for SMA DATA MANAGER		Un	sob consulta / upon request
MON0080	Silicon Irradiance Sensor Si-I-420TC, for SMA DATA MANAGER		Un	sob consulta / upon request

SMA Sunny Island Inverters

Item No.	Article	Unit	Price Un.
SMA Inverters, 10 year warranty			
INVO0086	SMA Sunny Island SI 4.4M-13	Un	3 046,46 €
INVO0085	SMA Sunny Island SI 6.0H-13	Un	3 493,37 €
INVO0084	SMA Sunny Island SI 8.0H-13	Un	3 830,28 €

SMA Sunny Island Accessories

Item No.	Article	Unit	Price Un.
SMA Accessories, 2 year warranty			
ACEO0131	SMA Bat Temp Sensor (opcional /optional)	Un	81,13 €
ACEO0132	SMA MultiClusterCan (opcional /optional)	Un	171,41 €
ACEO0022	SMA SIC Piggy Back	Un	104,95 €
ACEO0040	SMA SWDMSI-NR10	Un	157,48 €
ACEO0054	SMA SI-SYSCAN-NR	Un	157,48 €
ACEO0011	SMA SI-COMSMA-NR	Un	157,48 €
ACEO0020	SMA SI-485PB-NR (opcional /optional)	Un	157,48 €
ACEO0010	SMA Multicluster Piggy Back	Un	238,31 €
SMA Accessories, 5 year warranty			
AceO.0014	SMA Multicluster Box 6.3- 11	Un	5 005,41 €
AceO.0002	SMA GRID-BOX-12.3-20	Un	6 119,26 €
AceO.0012	SMA Multicluster Box -12-3-20	Un	8 896,98 €
AceO.0013	SMA Multicluster Box 36.3-11	Un	17 670,21 €

KOSTAL PIKO Grid Inverters



Item No.	Article	Unit	Price Un.
Kostal solar inverters, 5 year warranty			
INVL0119	Kostal PIKO 12	Un	2 539,46 €
INVL0124	Kostal PIKO 15	Un	2 648,59 €
INVL0125	Kostal PIKO 17	Un	2 731,60 €
INVL0179	Kostal PIKO 20	Un	2 814,61 €

Solicite preços de projecto / Request special prices for projects

KOSTAL PIKO CI Project Inverters

Item No.	Article	Unit	Price Un.
Solar inverters Kostal projects			
INVL0294	Kostal PIKO CI 30	Un	2 961,02 €
INVL0389	Kostal PIKO CI 50 NV	Un	4 306,54 €
INVL0390	Kostal PIKO CI 60 NV	Un	4 665,29 €

Solicite preços de projecto / Request special prices for projects

KOSTAL PIKO MP Plus Hybrid Inverters

Item No.	Article	Unit	Price Un.
Kostal Hybrid solar inverters 5 years warranty			
INVS0020	Kostal PIKO MP plus 1.5 - 1	Un	777,73 €
INVS0021	Kostal PIKO MP plus 2.0 - 1	Un	855,15 €
INVS0022	Kostal PIKO MP plus 2.5 - 1	Un	933,49 €
INVS0023	Kostal PIKO MP plus 3.0 - 1	Un	1 010,91 €
INVS0024	Kostal PIKO MP plus 3.0 - 2	Un	1 088,32 €
INVS0025	Kostal PIKO MP plus 3.6 - 1	Un	1 104,18 €
INVS0026	Kostal PIKO MP plus 3.6 - 2	Un	1 180,66 €
INVS0027	Kostal PIKO MP plus 4.6 - 2	Un	1 336,42 €
INVS0053	Kostal PIKO MP plus 5.0 - 2	Un	1 405,27 €

Compatible with BYD batteries

KOSTAL PLENTICORE Plus Hybrid Inverters

Item No.	Article	Unit	Price Un.
Kostal solar inverters, 2 years warranty, extendable to 5 years by registration portal			
INVS0051	Kostal PLENTICORE Plus 3,0	Un	1 336,42 €
INVS0028	Kostal PLENTICORE Plus 4.2	Un	1 466,06 €
INVS0029	Kostal PLENTICORE Plus 5.5	Un	1 636,75 €
INVS0030	Kostal PLENTICORE Plus 7.0	Un	2 053,66 €
INVS0031	Kostal PLENTICORE Plus 8.5	Un	2 263,52 €
INVS0032	Kostal PLENTICORE Plus 10	Un	2 453,79 €

Compatible with BYD batteries

KOSTAL Inverters Chargers PLENTICORE BI

Item No.	Article	Unit	Price Un.
Kostal solar inverters, 2 years warranty, extendable to 5 years by registration portal			
INVS0054	Kostal Plenticore BI10.0/26 PROMO	Un	2 716,32 €
INVS0072	Kostal Plenticore BI5.5/26	Un	2 004,09 €
INVS0073	Kostal Plenticore BI10.0/26	Un	2 804,35 €

Compatible with BYD batteries

KOSTAL PIKO Accessories

Item No.	Article	Unit	Price Un.
Accessories solar inverters Kostal, 2 years warranty			
INVM0054	KOSTAL PIKO BA Sensor	Un	133,66 €
INVM0056	Solar PV fuse for PIKO Battery Li Switch Box, Type PV15A10F DC 1000 V	Un	13,37 €
INVM0145	Kostal Energy Meter	Un	400,25 €
INVM0152	Kostal Software Key Smart Energy Meter (S/desconto-without discount)	Un	375,00 €
INVM0153	Kostal Software Key Plenticore Plus (S/desconto-without discount)	Un	375,00 €
INVM0168	Kostal Software Key Smart Energy Meter (ENECTOR) (S/desconto-without discount)	Un	255,00 €

KACO Blueplanet TL3 grid inverters

Item No.	Article	Unit	Price Un.
Kaco solar inverters, 5 year warranty			
INVL0365	Kaco Blueplanet 3.0 NX1 M2	Un	925,45 €
INVL0366	Kaco Blueplanet 3.7 NX1	Un	966,86 €
INVL0367	Kaco Blueplanet 4.0 NX1	Un	1 021,02 €
INVL0368	Kaco Blueplanet 5.0 NX1	Un	1 071,99 €
	KACO NX1 Series RS485 connection kit	Un	48,21 €
	KACO NX1 Smart Meter - Eastron	Un	96,09 €

KACO Blueplanet TL3 grid inverters

Item No.	Article	Unit	Price Un.
Kaco solar inverters, 5 year warranty			
INVL0396	Kaco Blueplanet 3.0 NX3 M2	Un	1 536,00 €
INVL0397	Kaco Blueplanet 5.0 NX3 M2	Un	1 705,60 €
INVL0398	Kaco Blueplanet 8.0 NX3 M2	Un	1 792,00 €
INVL0399	Kaco Blueplanet 10.0 NX3 M2	Un	1 979,20 €
INVL0400	Kaco Blueplanet 15.0 NX3 M2	Un	2 228,80 €
INVL0401	Kaco Blueplanet 20.0 NX3 M2	Un	2 475,20 €
INVL0402	Kaco Blueplanet 25.0 NX3 M3	Un	1 800,00 €
INVL0403	Kaco Blueplanet 30.0 NX3 M3	Un	3 179,20 €
INVL0404	Kaco Blueplanet 33.0 NX3 M3	Un	3 478,40 €
	NX3 Smart Meter - Eastron	Un	274,36 €

KACO Grid Connected Inverters

INVL0002	Kaco Blueplanet 50.0 TL3 – M *	Un	3 858,86 €
INVL0003	Kaco Blueplanet 50.0 TL3 – XL*	Un	4 047,77 €
INVL0059	Kaco Blueplanet 50.0 TL3 - XL - F*	Un	4 901,22 €
INVL0371	Kaco Blueplanet 60.0 TL3 – M*	Un	5 116,26 €
INVL0372	Kaco Blueplanet 60.0 TL3 – XL*	Un	5 500,14 €
INVL0373	Kaco Blueplanet 60.0 TL3 - XL - F*	Un	5 578,19 €

Request special prices for projects >100KW

KACO Accessories Blueplanet 50 - 60

Item No.	Article	Unit	Price Un.
Accessories solar inverters Kaco, 2 years warranty			
INVA0187	Kaco Blueplanet Extension Module digital inputs	Un	125,14 €
INVA0120	Kaco Powador Protect - Grid Management (VDE-AR-N 4105)	Un	577,91 €
INVA0121	Kaco Overvoltage Protection Module 1000 VD T1/2, for version M; DC side Phoenix I+II (3 per MPPT required)	Un	26,79 €
INVA0119	Kaco Overvoltage Protection Module 7P.10 T1, for M and XL version; AC Side: Finder SPD I+II (3 per drive required)	Un	48,21 €
INVA0153	Kaco fuses 15A (bp 50 XL), Fuse-PV 14x51mm	Un	75,00 €
INVA0189	Kaco fuses 20A (bp 50 XL), FUSE-PV 14x51mm 1100V 20A	Un	75,00 €
INVA0190	Kaco Fuse-PV 14x51mm 1100V 15A bp60	Un	89,29 €
INVA0191	Kaco Fuse-PV 14x51mm 1100V 20A bp60	Un	89,29 €
INVA0192	Kaco HISkon Inlinefuse 1000 V Sunclix	Un	26,79 €

KACO Blueplanet C & I Inverters

Item No.	Article	Unit	Price Un.
Kaco solar inverters, 5 year warranty			
INVL0374	Kaco blueplanet 87.0 TL3-S	Un	7 798,63 €
INVL0375	Kaco blueplanet 92.0 TL3-S	Un	7 930,84 €
INVL0376	Kaco blueplanet 105.0 TL3-S	Un	7 929,24 €
INVL0386	Kaco blueplanet 87.0 TL3-XL	Un	8 400,73 €
INVL0387	Kaco blueplanet 92.0 TL3-XL	Un	8 668,33 €
INVL0388	Kaco blueplanet 105.0 TL3-XL	Un	10 222,96 €

Request special prices for projects

KACO Blueplanet Utility Inverters

Item No.	Article	Unit	Price Un.
Kaco solar inverters, 5 year warranty			
	Kaco blueplanet 125.0 TL3-S / -XL , 137.0 TL3-S / -XL ; 150.0 TL3-S / -XL / 155.0 TL3-S / -XL / 165.0 TL3-S / -XL	Un	under consultation

Request special prices for projects

KACO Accessories

Item No.	Article	Unit	Price Un.
Accessories Solar Inverters Kaco, 2 years warranty			
INVA0193	Kaco Kit AC SPD (4 uni) (1 kit per inverter)	Un	135,43 €
INVA0194	Kaco Kit DC SPD (1 kit per inverter)	Un	106,29 €
INVA0195	Kaco Kit LAN - SPD (1 kit per inverter)	Un	116,57 €
INVA0196	Kaco Kit RS485 - SPD (1 kit per inverter)	Un	178,29 €
INVA0197	Kaco PID connection Set 87-165 (only incl set to connect external float controller)	Un	116,57 €
INVA0198	Kit AC input plate (double row) 87-165	Un	116,57 €
INVA0199	Kit AC input plate (M63/32)	Un	100,00 €
INVA0200	Kaco WLAN adapter bp 87-165	Un	26,79 €
INVA0201	blueplanet DC-breaker bp 87 - 165	Un	817,14 €
INVA0202	Kaco Bending box bp 87-165	Un	446,00 €

Growatt Grid Connected Inverters



Item No.	Article	Unit	Price Un.
Growatt grid-tied solar inverters, 10 year warranty			
INVL0284	Growatt MIC 750TL-X	Un	301,60 €
INVL0285	Growatt MIC 1000TL-X	Un	318,17 €
INVL0286	Growatt MIC 1500TL-X	Un	351,31 €
INVL0287	Growatt MIC 2000TL-X	Un	425,89 €
INVL0288	Growatt MIC 2500TL-X	Un	459,03 €
INVL0289	Growatt MIC 3000TL-X	Un	500,46 €
INVL0290	Growatt MIC 3300TL-X	Un	525,31 €
INVL0277	Growatt MIN2500TL-XE	Un	548,51 €
INVL0278	Growatt MIN3000TL-XE	Un	589,94 €
INVL0279	Growatt MIN3600TL-XE	Un	672,80 €
INVL0280	Growatt MIN4200TL-XE	Un	714,23 €
INVL0281	Growatt MIN4600TL-XE	Un	747,37 €
INVL0282	Growatt MIN5000TL-XE	Un	780,51 €
INVL0283	Growatt MIN6000TL-XE	Un	830,23 €
INVL0301	Growatt MOD4000TL3-X	Un	1 037,37 €
INVL0303	Growatt MOD6000TL3-X	Un	1 169,94 €
INVL0307	Growatt MOD10000TL3-X PROMO	Un	1 385,60 €
INVL0308	Growatt MOD11000TL3-X	Un	956,00 €
INVL0309	Growatt MOD12000KTL3-X	Un	1 001,00 €
INVL0310	Growatt MOD13000KTL3-X	Un	1 036,00 €
INVL0311	Growatt MOD15000KTL3-X	Un	1 066,00 €
INVL0312	Growatt MID15000KTL3-X	Un	1 066,00 €
INVL0313	Growatt MID17000KTL3-X	Un	1 156,00 €

Growatt Grid Inverters Commercial-Industrial

Item No.	Article	Unit	Price Un.
Growatt grid-tied solar inverters, 5year warranty			
INVL0361	Growatt MID 20KTL3-X	Un	2 002,50 €
INVL0314	Growatt MID22000KTL3-X	Un	2 115,00 €
INVL0315	Growatt MID25000KTL3-X	Un	2 259,64 €
INVL0316	Growatt MID25000KTL3-X1	Un	2 259,64 €
INVL0317	Growatt MID30000KTL3-X	Un	2 500,71 €
INVL0318	Growatt MID33000KTL3-X	Un	2 613,21 €
INVL0319	Growatt MID36000KTL3-X	Un	2 709,64 €
INVL0320	Growatt MID40000KTL3-X	Un	2 798,04 €
INVL0411	Growatt MID50KTL3-X2 PROMO	Un	2 802,86 €
INVL0257	Growatt MAX 50KTL3 LV	Un	3 499,77 €
INVL0258	Growatt MAX 60KTL3 LV	Un	3 894,06 €
INVL0259	Growatt MAX 70KTL3 LV	Un	4 419,77 €
INVL0260	Growatt MAX 80KTL3 LV	Un	4 814,06 €
INVL0380	Growatt MAX 100KTL3 LV	Un	5 500,38 €
INVL0381	Growatt MAX 110KTL3 LV	Un	5 635,49 €
INVL0382	Growatt MAX 120KTL3 LV	Un	6 210,49 €
INVL0383	Growatt MAX 125KTL3 LV	Un	6 456,92 €

Growatt Hybrid Inverters

Item No.	Article		Unit	Price Un.
Growatt grid-tied hybrid solar inverters, 10 year warranty				
INVS0074	Growatt MIN 2500TL-XH		Un	608,04 €
INVS0075	Growatt MIN 3000TL-XH PROMO com baterias/with batteries		Un	648,57 €
INVS0076	Growatt MIN 3600TL-XH		Un	729,64 €
INVS0077	Growatt MIN 4200TL-XH		Un	770,18 €
INVS0078	Growatt MIN 4600TL-XH PROMO com baterias/with batteries		Un	802,61 €
INVS0079	Growatt MIN 5000TL-XH		Un	835,04 €
INVS0080	Growatt MIN 6000TL-XH		Un	883,68 €
INVS0117	Growatt MOD3000TL3-XH PROMO com baterias/with batteries		Un	1 121,93 €
INVS0118	Growatt MOD4000TL3-XH		Un	1 203,09 €
INVS0119	Growatt MOD5000TL3-XH PROMO com baterias/with batteries		Un	1 226,86 €
INVS0120	Growatt MOD6000TL3-XH		Un	1 335,66 €
INVS0121	Growatt MOD7000TL3-XH		Un	1 484,80 €
INVS0122	Growatt MOD8000TL3-XH		Un	1 534,51 €
INVS0123	Growatt MOD9000TL3-XH		Un	1 584,23 €
INVS0124	Growatt MOD10000TL3-XH PROMO com baterias/with batteries		Un	1 557,79 €
INVS0036	Growatt SPH 3000		Un	1 303,63 €
INVS0037	Growatt SPH 3600		Un	1 336,06 €
INVS0038	Growatt SPH 4000		Un	1 384,70 €
INVS0039	Growatt SPH 4600		Un	1 417,13 €
INVS0040	Growatt SPH 5000		Un	1 465,77 €
INVS0041	Growatt SPH 6000		Un	1 546,84 €
INVS0046	Growatt SPH 5000TL3 BH PROMO com baterias		Un	1 885,71 €
INVS0047	Growatt SPH 6000TL3 BH PROMO com baterias		Un	1 995,71 €
INVS0048	Growatt SPH 7000TL3 BH PROMO com baterias		Un	2 042,86 €
INVS0049	Growatt SPH 8000TL3 BH PROMO com baterias		Un	2 105,71 €
INVS0050	Growatt SPH 1000TL3 BH PROMO com baterias		Un	2 303,27 €
INVS0096	Growatt SPH 4000TL3 BH-UP	NEW	Un	1 906,80 €
INVS0097	Growatt SPH 5000TL3 BH-UP	NEW	Un	1 955,44 €
INVS0098	Growatt SPH 6000TL3 BH-UP	NEW	Un	2 068,94 €
INVS0099	Growatt SPH 7000TL3 BH-UP	NEW	Un	2 117,59 €
INVS0100	Growatt SPH 8000TL3 BH-UP	NEW	Un	2 182,44 €
INVS0101	Growatt SPH 10000TL3 BH-UP	NEW	Un	2 344,59 €
INVS0042	Growatt SPA 1000		Un	1 033,36 €
INVS0043	Growatt SPA 2000		Un	1 118,79 €
INVS0044	Growatt SPA 3000		Un	1 204,21 €
INVS0102	Growatt SPA 4000TL3 BH		Un	1 470,64 €
INVS0103	Growatt SPA 5000TL3 BH		Un	1 632,78 €
INVS0104	Growatt SPA 6000TL3 BH		Un	1 794,92 €
INVS0105	Growatt SPA 7000TL3 BH		Un	1 957,06 €
INVS0106	Growatt SPA 8000TL3 BH		Un	2 119,21 €
INVS0107	Growatt SPA 10000TL3 BH		Un	2 281,35 €

Growatt Accessories

Item No.	Article	Unit	Price Un.
Growatt Accessories 2 year warranty			
INVM0155	Growatt GroBoost	Un	304,91 €
INVA0211	Growatt SPM, meter monofásico	Un	106,20 €
INVA0185	Growatt Single-Phase CT Meter	Un	173,63 €
INVA0163	Growatt TPM, meter trifásico	Un	173,63 €
INVA0188	Growatt Three-Phase CT Meter	Un	257,93 €
INVM0169	Growatt TPM-CT 250A	Un	257,93 €
INVA0170	Growatt RailLog-RF	Un	94,64 €
INVA0171	Growatt ATS-T trifásico	Un	422,21 €
INVA0174	Growatt ATS- Single phase	Un	175,31 €
INVA0186	Growatt TL-XH Backup Box	Un	182,14 €
INVA0210	Growatt MODTL3-XH Backup Box (SYN-50-XH-30)	Un	360,71 €
INVM0154	Growatt Shine WiFi-X	Un	11,79 €
INVM0156	Growatt ShineLan-X (por cabo)	Un	11,79 €
INVM0172	Growatt Shine 4G-X	Un	55,89 €
INVM0173	Growatt Shine master 4G	Un	584,86 €
INVM0085	Growatt Shine WiFi-S	Un	6,50 €
INVM0084	Growatt Shine Link	Un	23,21 €
INVM0086	Growatt Shine master	Un	335,14 €
INVM0157	Growatt Shine RF Stick	Un	11,79 €
INVM0171	Growatt Smart Energy Manager 50KW (SEM-E)	Un	431,54 €
INVM0161	Growatt Smart Energy Manager 100KW	Un	584,86 €
INVM0174	Growatt Smart Energy Manager 100KW (SEM-E)	Un	584,86 €
INVM0162	Growatt Smart Energy Manager 300KW	Un	831,29 €
INVM0163	Growatt Smart Energy Manager 600KW	Un	1 077,71 €
INVM0164	Growatt Smart Energy Manager 1MW	Un	1 242,00 €
INVM0165	Growatt Smart Energy Manager 2MW	Un	1 406,29 €

OFF-GRID SYSTEMS

PHOCOS Charge Controllers MPPT

Maximum power point tracker
12/24 V, max. panel 50/85 V



Item No.	Article	Unit	Price Un.
Phocos MPPT charge controllers, 5 year warranty			
CCA0135	Phocos ECO T MPPT 85/15, 12/24 V, 15A, IP68, IP21 terminals, compatible with LiFePO4 batteries, 2-year datalogger	Un	119,18 €
CCA0136	Phocos CIS-N-MPPT-LED, 12/24 V, 15A, timer, IP68, compatible with 60 cell modules, 2 year datalogger	Un	197,84 €
CCA0010	Phocos CIS N MPPT 85/15, 12/24V, 15A, IP68, compatible with 60 cell modules, datalogger 2 anos	Un	141,93 €
CCA0133	Phocos CIS-N-MPPT-100/30 12/24V, 30A, IP68	Un	267,82 €
CCA0080	Phocos Solar Charge Controller CML MPPT 50/10, 12/24V, 10A, LED (EOL) sem desconto/no discount	Un	36,27 €

PHOCOS Controllers PWM

Item No.	Article	Unit	Price Un.
Phocos PWM charge controllers, 2/5 year warranty			
CCA0017	Phocos Solar Charge Controller AC 06-2.2, 12 V (EOL) sem desconto/no discount	Un	8,34 €
CCA0018	Phocos Solar Charge Controller AC 08-2, 12 V (EOL) sem desconto/no discount	Un	8,74 €
CCA0019	Phocos AC solar charge controller 10-2.2, 12 V (EOL) sem desconto/no discount	Un	10,74 €
CCA0021	Phocos Solar Charge Controller CM 04, 12 V, 4A, IP22	Un	12,43 €
CCA0022	Phocos Solar Charge Controller CM 10, 12 V, 10A, IP22	Un	22,56 €
CCA0025	Phocos Solar Charge Controller CML-USB-10, 12 / 24 V, 10 A, IP20, USB	Un	38,89 €
CCA0014	Phocos Solar Charge Controller ECO N-10, 12/24 V, 10 A, IP68	Un	31,72 €
CCA0139	Phocos Solar Charge Controller ECO-N-10-T, 12/24 V, 10 A, 30V/50V, IP68 box, IP21 terminals	Un	46,89 €
CCA0140	Phocos Solar Charge Controller ECO-N-20-T, 12/24 V, 20 A 30V/50V, IP68 box, IP21 terminals	Un	64,49 €
CCA0030	Phocos CX 40-1.2, 12/24 V, 40/40A, ROHS (EOL) sem desconto/no discount	Un	45,55 €
CCA0031	Phocos Solar Charge Controller CXNup10, USB Charger, 12/24 V, 10A, IP22, negative ground	Un	74,56 €
CCA0032	Phocos Solar Charge Controller CXNup20, USB Charger, 12/24 V, 20A, IP22, negative ground	Un	92,65 €
CCA0033	Phocos cSolar charge controller CXNup40, USB Charger, 12/24 V, 40A, IP22, negative ground	Un	116,80 €
CCA0005	Phocos Solar Charge Controller CIS N 10, 12/24V, 10A, IP68	Un	49,41 €
CCA0007	Phocos Solar Charge Controller CIS-N-20, 12/24V, 20A, IP68	Un	70,76 €
CCA0034	Phocos solar charge controller CIS-N-LED-1050, 20A, IP68	Un	102,11 €
CCA0035	Phocos solar charge controller CIS-N-LED-1400, 20A, IP68	Un	102,11 €
CCA0036	Phocos solar charge controller CIS-N-LED-2800, 20A, IP68	Un	102,11 €

PHOCOS AnyGrid Hybrid Inverter

Hybrid inverter charger with MPPT
 compatible with Led acid and LiFePO4 batteries ; PSW-H: FREE OF BATTERY
 up t 9 units in parallel or 3-phase; P21

Item No.	Article		Unit	Price Un.
Hybrid Inverter Charger AnyGridtm Phocos, 2 years warranty				
INVO0234	Phocos inversor Any-GridTM PSW-H-3KW-230/24V		Un	1 106,54 €
INVO0233	Phocos inversor Any-GridTM PSW-H-5KW-230/48V		Un	1 299,84 €
INVO0240	Phocos inversor Any-GridTM PSW-H-8KW-230/48V	NEW	Un	1 851,02 €
INVO0241	Phocos inversor Any-GridTM PSW-B-1KW-230/12V	NEW	Un	420,92 €
INVO0242	Phocos Any-GridTM PSW-B-3KW-230/24V	NEW	Un	723,93 €
ACEO0216	Phocos Any-Bridge™ IoT gateway for remote control NOVA VERSÃO /NEW VERSION	NEW	Un	208,24 €
ACEO0207	Phocos PSW-H-BAT-CABLE-PYLON-2		Un	9,43 €

PHOCOS Off-Grid Inverters

Item No.	Article		Unit	Price Un.
Phocos offgrid inverters, 2 years warranty				
INVO0003	Phocos SI350-12230-1.0, 350W, 12V, 230V (EOL) sem desconto/no discount		Un	182,67 €
INVO0005	Phocos SI700-12230-1.0, 700W, 12V, 230V (EOL) sem desconto/no discount		Un	395,79 €

PHOCOS Accessories Controllers

For solar chargers
 increase the functionality of your solar controller

Item No.	Article		Unit	Price Un.
Accessories for Phocos solar controllers, 2 year warranty				
ACEO0062	Phocos CIS-CU Infrared remote configuration unit for CIS family controllers		Un	106,39 €
ACEO0219	Phocos MXI-IR Infrared to USB/PC programming accessory for CIS		Un	70,76 €
ACEO0065	Phocos MXI interface modular PC USB, conector MCU, CX, CXN, CXup, CXNup, CXNsolid,		Un	70,76 €
ACEO0067	Phocos MXI 232 Communication interface via RS232		Un	70,76 €

GROWATT Off-Grid Inverters



Item No.	Article		Unit	Price Un.
Growatt offgrid inverters, 2 year warranty				
INVO0247	Growatt SPF 3500 ES /48V	NEW	Un	714,29 €
INVO0239	Growatt SPF 5000 ES/48V		Un	850,00 €
INVO0246	Growatt SPF 5000 ES (Wi-Fi) /48V	NEW	Un	867,86 €
ACEO0212	Growatt Wifi-F		Un	46,36 €

STECA TAROM

2x AUX relays
Internal and microSD dataloggers



Item No.	Article	Unit	Price Un.
Steca solar controllers 5 years warranty			
CCA0039	Steca Tarom 4545, 12/24V, 45A	Un	253,76 €
CCA0040	Steca Tarom 4545-48, 12/24V/48V, 45A	Un	280,52 €

STECA TAROM MPPT

Two independent MPP trackers
2x AUX relays (Tarom MPPT 6000-M)
Internal dataloggers and, for Tarom MPPT 6000-M, microSD datalogging

Item No.	Article	Unit	Price Un.
Steca solar controllers 5 years warranty			
CCA0041	Steca Tarom MPPT 6000-S, 12/24/48V, 60A	Un	527,63 €
CCA0009	Steca Tarom MPPT 6000-M, 12/24/48V, 60A	Un	797,78 €

STECA POWER TAROM

IP65 ; with LCD
For industrial and industrial e telecom applications

Item No.	Article	Unit	Price Un.
Steca solar controllers 5 years warranty			
CCA0055	Steca Power Tarom 2070, 12/24V, 70A	Un	979,29 €
CCA0053	Steca Power Tarom 2140, 12/24V, 140A	Un	1 266,32 €
CCA0067	Steca Power Tarom 4055, 48V, 55A	Un	1 266,32 €
CCA0054	Steca Power Tarom 4110, 48V, 110A	Un	1 435,16 €
CCA0068	Steca Power Tarom 4140, 48V, 140A	Un	1 646,22 €

STECA PR

With intuitive display with charge status

Item No.	Article	Unit	Price Un.
Steca solar controllers 5 years warranty			
CCA0058	Steca PR 1010, 12/24V, 10A	Un	72,69 €
CCA0059	Steca PR 1515, 12/24V, 15A	Un	80,86 €
CCA0060	Steca PR 2020, 12/24V, 20A	Un	87,07 €
CCA0061	Steca PR 3030, 12/24V, 30A	Un	105,36 €

STECA SOLARIX

Integrated USB charger
Intuitive display with charging status

Item No.	Article	Unit	Price Un.
Steca solar controllers 5 years warranty			
CCA0063	Steca Solarix 2525, 12/24V, 25A, USB charger with LCD	Un	103,19 €
CCA0057	Steca Solarix 4040, 12/24V, 40A, USB charger with LCD	Un	122,77 €

STECA PR 2020 IP

IP65
Intuitive display with charge status

Item No.	Article	Unit	Price Un.
Steca solar controllers 5 years warranty			
CCA0043	Steca PR 2020-IP, 12/24V, 20A with LCD, IP65	Un	145,41 €

STECA SOLARIX MPPT

With Display
Manual Load Switch
Programmable



Item No.	Article	Unit	Price Un.
Steca solar controllers 5 years warranty			
CCA0095	Steca Solarix MPPT 3020 - 12/24V, 30A	Un	151,46 €
CCA0096	Steca Solarix MPPT 5020 - 12/24/48V, 50A	Un	307,80 €

STECA SOLARIX PRS

Intuitive 5-LED display
Programmable night light

Item No.	Article	Unit	Price Un.
Steca solar controllers 5 years warranty			
CCA0046	Steca Solarix PRS 1010, 12/24V, 10A	Un	47,58 €
CCA0047	Steca Solarix PRS 1515, 12/24V, 15A	Un	51,27 €
CCA0048	Steca Solarix PRS 2020, 12/24V, 20A	Un	57,74 €
CCA0049	Steca Solarix PRS 3030, 12/24V, 30A	Un	75,74 €

STECA SOLSUM

Intuitive 5-LED display
Integrated USB charger

Item No.	Article	Unit	Price Un.
Steca solar controllers 5 years warranty			
CCA0042	Steca Solsum 2525, 12/24V, 25A	Un	69,05 €
CCA0064	Steca Solsum 4040, 12/24V, 40A	Un	83,59 €

STECA Accessories

For solar chargers
increase the functionality of your solar controller

Item No.	Article	Unit	Price Un.
Accessories for Steca solar controllers 2 years warranty			
ACEO0130	Steca DIN-Rail mounting kit, Kit assembly top hat/DIN (2 un./controller)	Un	1,49 €
ACEO0032	Steca PA IRS 1008/180, motion detector DC 12V / 5A	Un	89,95 €
ACEO0033	Steca PA IRS 1008/180, motion detector DCr 24V / 5A	Un	139,01 €
Accessories Steca Solsum F, Solarix PRS, Solarix MPPT 1010, Solarix MPPT 2010, 2 years warranty			
ACEO0034	Steca PA RC100, programming unit		90,86 €
Accessories Steca Power Tarom, 2 year warranty			
ACEO0035	Steca PA Tarcom 01, Data Logger (Serial)	Un	489,64 €
ACEO0037	Steca PA Tarcom GSM, Data Logger (GSM)	Un	1 013,06 €
ACEO0028	Steca PA CAB1 Tarcom, Tarcom Data cable for PC connection via USB	Un	73,14 €
ACEO0031	Steca PA HS200, Shunt sensor de corrente bidirecional, 200A DC	Un	295,48 €
Accessories Steca Tarom 4545 and Steca Tarom 4545-48, 2 years warranty			
ACEO0129	Steca PA CAB2 Tarcom, data cable, PC connection via USB	Un	54,51 €
ACEO0126	Steca PA HS400, Shunt current sensor bi-directional, 400A DC	Un	337,69 €
Accessories Steca Tarom 4545(-48) and Steca Tarom MPPT 6000(-M/-S), 2 years warranty			
ACEO0044	Steca RCC-CAB-2 StecaLink connection cable, 2m	Un	12,30 €
ACEO0125	Steca RCC-CAB-5, StecaLink connection cable, 5m	Un	21,77 €
ACEO0045	Steca RCC-CAB-20, StecaLink connection cable, 20m	Un	35,70 €
Steca Temperature sensors, 2 year warranty			
ACEO0123	Steca PA TS20 IP10, external temperature sensor for PR2020 IP, 0m	Un	23,66 €
ACEO0039	Steca PA TS10, ext. temperature sensor PR, S MPPT, P Tarom, 2.8m	Un	23,66 €
ACEO0124	Steca PA TS-S, Tarom 4545(-48) ext. temperature sensor, MPPT 6000-M/-S, 2.8m	Un	28,39 €

STECA Hybrid Inverters SOLARIX PLI

All-in-one: Inverter Charger with MppT 80A controller
 AC input for generator connection or grid connection
 Programming of power source priorities
 Compatible with lead acid and Pylontech lithium batteries

Item No.	Article	Unit	Price Un.
Steca inverters PLI charger, 2 year warranty			
INVO0088	Steca Solarix PLI 1000-12, 12V DC, 1000W cont., 40A MPPT	Un	480,00 €
INVO0050	Steca Solarix PLI 2400-24, 24V DC, 2400W cont., 40A MPPT	Un	900,00 €
INVO0010	Steca Solarix PLI 5000-48, 48V DC, 5000W cont., 80A MPPT	Un	1 181,14 €
ACEO0122	Steca PLI 5000-48 3ph./parallel kit, Solarix PLI extension card/cables, 3-ph./parallel operation	Un	150,00 €
ACEO0133	Steca PLI 2400-24 3ph./parallel kit - Solarix PLI extension card/cables, 3-ph./parallel operation	Un	150,00 €

STECA Inverters AJ

Very high efficiency off-grid inverter
 P30, 230V/50Hz AC

Item No.	Article	Unit	Price Un.
Steca inverters Off Grid, 5 year guarantee			
INVO0029	Steca AJ 275-12, 12V DC, 200W cont., 275W	Un	295,68 €
INVO0030	Steca AJ 350-24, 24V DC,, 300W cont., 350W	Un	317,18 €
INVO0031	Steca AJ 400-48, 48V DC, 300W cont., 400W	Un	344,06 €
INVO0032	Steca AJ 700-48, 48V DC, 500W cont., 700W	Un	591,36 €
INVO0026	Steca AJ 1000-12, 12V DC, 800W cont., 1000W	Un	881,66 €
INVO0027	Steca AJ 2100-12, 12V DC, 2000W cont., 2100W	Un	1 666,56 €
INVO0028	Steca AJ 2400-24, 24V DC, 2000W cont., 2400W	Un	1 419,26 €

STECA Inverters XTENDER

Very high efficiency off-grid inverter, battery charger
 Pairable up to 9 pcs. (tb 3-phase)
 Configurable
 P30, 230V/50Hz AC

Item No.	Article	Unit	Price Un.
Steca inverters for stand alone systems, 5 years warranty			
INVO0015	Steca XTS 900-12, 12V DC, 500W cont., 700W	Un	2 048,00 €
INVO0041	Steca XTS 1200-24, 24V DC, 650W cont., 1000W	Un	2 144,00 €
INVO0014	Steca XTS 1400-48, 48V DC, 750W cont., 1200W	Un	2 144,00 €
INVO0035	Steca XTM 1500-12, 12V DC, 1500W cont., 1500W	Un	3 248,00 €
INVO0036	Steca XTM 2000-12, 12V DC, 2000W cont., 2000W	Un	3 760,00 €
INVO0037	Steca XTM 2400-24, 24V DC, 2000W cont., 2400W	Un	3 248,00 €
INVO0038	Steca XTM 3500-24, 24V DC, 3000W cont., 3500W	Un	3 808,00 €
INVO0039	Steca XTM 2600-48, 48V DC, 2000W cont., 2600W	Un	3 248,00 €
INVO0040	Steca XTM 4000-48, 48V DC, 3500W cont., 4000W	Un	3 840,00 €
INVO0022	Steca XTH 3000-12, 12V DC, 2500W cont., 3000W	Un	5 680,00 €
INVO0023	Steca XTH 5000-24, 24V DC, 4000W cont., 5000W	Un	6 320,00 €
INVO0024	Steca XTH 6000-48, 48V DC, 5000W cont., 6000W	Un	7 088,00 €
INVO0025	Steca XTH 8000-48, 48V DC, 5000W cont., 6000W	Un	8 640,00 €

STECA Accessories Steca Off-grid

Item No.	Article	Unit	Price Un.
Accessories for AJ inverters, 5 years warranty			
ACEO0026	Steca JT 8, remote control for Steca AJ 1000-12 and AJ 2100-12	Un	72,29 €
ACEO0112	Steca RCM-01, optional remote control for AJ 275-12 up to AJ 700-48 (surcharge)	Un	96,93 €
Item No.	Article	Unit	Price Un.
Accessories for XTS / XTM / XTH inverters, 5 year warranty			
ACEO0042	Steca RCC-02, Remote programming for XTH / XTM / XTS incl. 2m cable	Un	280,00 €
ACEO0043	Steca RCC-03, front display for XTender remote control centre with 2m cable	Un	312,00 €
ACEO0114	Steca Xcom-232i, RS232 interface for Steca Xtender with 2m RJ45 cable	Un	376,00 €
ACEO0115	Steca Xcom-LAN, remote monitoring via Ethernet for XTS/XTM/XTH	Un	772,54 €
ACEO0116	Steca Xcom-GSM, remote monitoring via GSM for XTS/XTM/XTH	Un	756,61 €
ACEO0117	Steca Xcom-SMS, remote monitoring via SMS for XTS/XTM/XTH	Un	451,82 €
ACEO0118	Steca Xcom-CAN, CAN interface for Steca Xtender with RJ45 cable 2m	Un	392,00 €
ACEO0069	Steca BSP 500, shunt battery regulator 500A with 5m cable	Un	536,00 €
ACEO0070	Steca BSP 1200, shunt battery regulator 1200A with 5m cable	Un	568,00 €

OUTBACK Solar Controllers



Item No.	Article	Unit	Price Un.
OUTBACK Solar Controllers, 2 /5 year warranty			
CCA0082	Outback FM 30, MPPT, 30A ,12/24V - 2 year warranty	Un	253,44 €
CCA0083	Outback FM 40, MPPT, 40A ,12/24V - 2 year warranty	Un	305,10 €
CCA0002	Outback FM60, MPPT, 60A ,12/24/48/60V - 5 year warranty	Un	626,34 €
CCA0001	Outback FM 80, MPPT, 80A ,12/24/48/60V - 5 year warranty	Un	682,84 €
CCA0069	Outback EXTREME, MPPT, 80A ,12/24/48/60V - 5 year warranty	Un	802,30 €
CCA0085	Outback FM 100, MPPT, 100A, 24/36/48V - 5 year warranty	Un	1 501,29 €

OUTBACK FM30/FM40 Accessories

Item No.	Article	Unit	Price Un.
Outback FM30/40 accessories, 2 year guarantee			
ACEO0073	Outback Mate Micro, Display & Remote Control (for FM30/FM40)	Un	68,57 €
ACEO0074	Outback RST Micro, remote temperature sensor, (FM30/FM40)	Un	13,71 €
ACEO0075	Outback FM Micro Comm Cable, Communication cable USB to RS-485 (FM30/FM40)	Un	12,00 €

OUTBACK Inverter chargers FX and RADIAN Series

Item No.	Article	Unit	Price Un.
OUTBACK inverters / Off Grid chargers, 2 year guarantee			
INVO0062	Outback GFX 1312E - 12 V / 1300W / 70A	Un	1 572,80 €
INVO0089	Outback GFX 1424E - 24 V / 1400W / 40A	Un	1 571,20 €
INVO0054	Outback GFX 1448E - 48 V / 1400W / 20A	Un	1 588,80 €
INVO0087	Outback FX 2012ET - 12 V / 2000W, Inverter charger	Un	1 811,20 €
INVO0063	Outback FXR 2012E - 12 V / 2000W, Inverter charger	Un	1 955,20 €
INVO0064	Outback FXR 2024E - 24 V / 2000W, Inverter charger	Un	1 992,00 €
INVO0053	Outback FXR 2348E - 48 V / 2300W, Inverter charger	Un	1 979,20 €
INVO0066	Outback VFXR 2612E - 12 V / 2600W / 125A, Inverter charger	Un	1 979,20 €
INVO0067	Outback VFXR 3024E - 24V / 3000W , Inverter charger	Un	2 000,00 €
INVO0068	Outback VFXR 3048E - 48 V / 3000W / 45A, Inverter charger	Un	2 006,40 €
INVO0083	Outback GS3548E RADIAN 48V-3500VA, 50A , Inverter charger	Un	2 780,80 €
INVO0082	Outback GS7048E RADIAN 48V-7000VA, 115A , Inverter charger	Un	3 049,60 €

OUTBACK Pre-Cabelled Systems

Outback pre-assembled and pre-wired systems are designed to be quick and easy to install. All you have to do is install

the mounting frame, fix the system to the wall, plug it in and the system is ready to go.

Item No.	Article	Unit	Price Un.
OUTBACK inverters / Off Grid chargers, 2 year guarantee			
INVO0047	Outback Flex Power FP1: VFXR3024E + 1xFM80, 24V/3KW (VF3024RE + FM80 + Mate + Hub + FNDC + RTS + FW-SP + IOB + GFDI)	Un	4 631,39 €
INVO0069	Outback Flex Power FP1: VFXR3048E + 1xFM80, 48V/3KW (VFXR3048E,FM80,MATE,HUB,FNDC,RTS,FW-SP,GFDI)	Un	4 560,36 €
INVO0070	Outback Flex Power FP2: 2xVFXR3024E, 24V/6KW	Un	7 934,21 €
INVO0072	Outback Flex Power FP2: 2x VFXR3024E + 2xFM80, 24V/6KW	Un	9 298,29 €
INVO0071	Outback Flex Power FP2: 2x VFXR3048E, 48V/ 6KW	Un	7 727,59 €
INVO0073	Outback Flex Power FP2: 2x VFXR3048E + 2xFM80, 48V/6KW	Un	9 091,66 €
INVO0092	Outback Flex Power FP3: 3x FXR2024E, 24V / 6KW	Un	12 202,39 €
INVO0093	Outback Flex Power FP3: 3x FXR2024E + 3xFM80, 24V/6KW	Un	14 249,30 €
INVO0074	Outback Flex Power FP3: 3x VFXR3024E, 24V/9KW	Un	12 265,34 €
INVO0076	Outback Flex Power FP3: 3x VFXR3024E + 3xFM80, 24V/9KW	Un	14 312,26 €
INVO0075	Outback Flex Power FP3: 3x VFXR3048, 48V/9KW	Un	12 354,13 €
INVO0077	Outback Flex Power FP3: 3x VFXR3048E + 3xFM80, 48V/9KW	Un	14 402,66 €
INVO0094	Outback Flex Power FP4: 4x FXR2348E, 24V/9.2KW	Un	15 009,63 €
INVO0095	Outback Flex Power FP4: 4x FXR2348E + 4xFM80, 24V/9.2KW	Un	17 739,39 €
INVO0078	Outback Flex Power FP4: 4x VFXR3048E, 48V/12KW	Un	15 116,17 €
INVO0079	Outback Flex Power FP4: 4x VFXR3048E + 4xFM80, 48V/12KW	Un	17 845,93 €

OUTBACK hybrid inverters/MPPT

Outback pre-assembled and pre-wired systems are designed to be quick and easy to install. All you have to do is install the mounting frame, fix the system to the wall, plug it in and the system is ready to go.

Item No.	Article	Unit	Price Un.
OUTBACK hybrid inverters, 2 year guarantee			
INVS0033	OutbackSPC III - 1500-24, 1500W / 24V / 60A / (max VOC: 400) / USB, RS232, RS485, Bluetooth, Dry contact	Un	682,84 €
INVS0034	Outback SPC III - 3000-24, 3000W / 24V / 80A / (max VOC: 500) / USB, RS232, RS485, Bluetooth, Dry contact	Un	955,66 €
INVS0035	Outback SPC III - 5000-48, 5000W / 48V / 80A / (max VOC: 500) / USB, RS232, RS485, Bluetooth, Dry contact	Un	1 212,33 €
ACEO0208	Outback SPC PC, for connecting SPC II units (single or three phase systems)	Un	140,44 €
ACEO0209	Outback SPC GPRS , GPRS box for remote monitoring (incl. Software) for SPC II & SPC III	Un	213,09 €
ACEO0210	Outback SPC Wifi , wifi box for remote monitoring (incl. software) (power supply not included) for SPC II & SPC III	Un	213,09 €
ACEO0211	Outback SPC Wifi S, wifi remote monitoring stick (incl. software) for SPC II & SPC III	Un	166,27 €

EXIDE ENERSOL Batteries

2V, lead acid battery

Item No.	Article	Unit	Price Un.
BAT0008	Liquid electrolyte 1.285 (1.000 ml) battery (EOL)	Un	1,51 €
Exide Enersol batteries, 2 year guarantee			
BAT0273	EnerSol 380 /120 2V	Un	176,33 €
BAT0274	EnerSol 490 /120 2V	Un	205,78 €
BAT0275	EnerSol 600 /120 2V	Un	237,59 €
BAT0276	EnerSol 720 /120 2V	Un	266,87 €
BAT0277	EnerSol 840 /120 2V	Un	303,75 €
BAT0278	EnerSol 950 /120 2V	Un	325,38 €
BAT0279	EnerSol 1050 /120 2V	Un	355,24 €
BAT0110	EnerSol 1110 /120 2V	Un	384,17 €

EXIDE Sonnenschein Powercycle batteries

PowerCycle is ideal for countries with severe weather conditions, and with unstable networks that require back up. This new dryfit® Gel battery allows operators to reduce maintenance, visits, electricity and diesel costs.

Item No.	Article	Unit	Price Un.
Exide batteries Powercycle, 2 year warranty			
BAT0221	Sonnenschein PowerCycle - GEL PC12/180 FT, 12 V , with Front Terminals configuration.	Un	535,08 €

EXIDE Batteries Sonnenschein dryfit Solar

12V, gel battery

Item No.	Article	Unit	Price Un.
Exide Sonnenschein batteries, 1 year guarantee			
BAT0169	Sonnenschein dryfit Solar 6,6 Ah 12V	Un	60,32 €
BAT0080	Sonnenschein dryfit Solar 17Ah 12V	Un	118,93 €
BAT0086	Sonnenschein dryfit Solar 27Ah 12V	Un	110,40 €
BAT0170	Sonnenschein dryfit Solar 32Ah 12V	Un	125,58 €
BAT0087	Sonnenschein dryfit Solar 41Ah 12V	Un	140,48 €
BAT0088	Sonnenschein dryfit Solar 60 Ah 12V	Un	186,04 €
BAT0089	Sonnenschein dryfit Solar 85Ah 12V	Un	233,17 €
BAT0090	Sonnenschein dryfit Solar 90Ah 12V	Un	246,15 €
BAT0084	Sonnenschein dryfit Solar 130Ah 12V	Un	340,50 €
BAT0085	Sonnenschein dryfit Solar 230Ah 12V	Un	523,46 €

EXIDE Batteries Sonnenschein dryfit Solar Block

12V/6v, gel battery
sealed, leak-proof gel battery

Item No.	Article	Unit	Price Un.
Exide Sonnenschein batteries, 2 year guarantee			
BAT0083	Sonnenschein dryfit Solar Block 60Ah 12V	Un	172,58 €
BAT0148	Sonnenschein dryfit Solar Block 75Ah 12V	Un	241,94 €
BAT0091	Sonnenschein dryfit Solar Block 100Ah 12V	Un	313,44 €
BAT0092	Sonnenschein dryfit Solar Block 130Ah 12V	Un	380,03 €
BAT0093	Sonnenschein dryfit Solar Block 185Ah 12V	Un	472,49 €
BAT0081	Sonnenschein dryfit Solar Block 200Ah 6V	Un	250,54 €
BAT0082	Sonnenschein dryfit Solar Block 330Ah 6V	Un	428,13 €

EXIDE Sonnenschein OPzV maintenance-free batteries

Item No.	Article	Unit	Price Un.
Exide Sonnenschein OPzV batteries, 2 year guarantee			
BAT0149	Sonnenschein Elements OPzV A602/295 2V	Un	207,21 €
BAT0150	Sonnenschein Elements OPzV A602/370 2V	Un	230,74 €
BAT0151	Sonnenschein Elements OPzV A602/440 2V	Un	269,61 €
BAT0152	Sonnenschein Elements OPzV A602/520 2V	Un	275,24 €
BAT0153	Sonnenschein Elements OPzV A602/625 2V	Un	324,04 €
BAT0154	Sonnenschein Elements OPzV A602/750 2V	Un	361,26 €
BAT0155	Sonnenschein Elements OPzV A602/850 2V	Un	395,80 €
BAT0156	Sonnenschein Elements OPzV A602/1130 2V	Un	522,33 €
BAT0157	Sonnenschein Elements OPzV A602/1415 2V	Un	628,82 €
BAT0158	Sonnenschein Elements OPzV A602/1695 2V	Un	731,47 €
BAT0159	Sonnenschein Elements OPzV A602/1960C 2V	Un	868,20 €
BAT0160	Sonnenschein Elements OPzV A602/2600 2V	Un	1 211,05 €
BAT0161	Sonnenschein Elements OPzV A602/3270 2V	Un	1 556,13 €
BAT0147	Sonnenschein Elements OPzV A602/3920 2V	Un	1 789,24 €

EXIDE Batteries Maintenance OPzS blocks

Item No.	Article	Unit	Price Un.
Exide batteries Classic OPzS blocks, 2 year guarantee			
BAT0171	Classic 1 OPzS 50 Solar Bloco (82,7Ah/120h 12 V)	Un	352,51 €
BAT0172	Classic 1 OPzS 100 Solar Bloco 139,7Ah/120h 12 V)	Un	439,97 €
BAT0173	Classic 1 OPzS 150 Solar Bloco (210,0Ah/120h 12 V)	Un	564,24 €
BAT0174	Classic 1 OPzS 2000 Solar Bloco (294,0Ah/120h 6 V)	Un	414,92 €
BAT0175	Classic 1 OPzS 250 Solar Bloco (364,0Ah/120h 6 V)	Un	496,93 €
BAT0176	Classic 1 OPzS 300 Solar Bloco (417,0Ah/120h 6 V)	Un	537,89 €

EXIDE Maintenance batteries OPzS elements

Item No.	Article	Unit	Price Un.
Exide Classic OPzV batteries, 2 year guarantee			
BAT0112	Classic Elements OPzS Solar 190 Ah/120 2 v	Un	143,41 €
BAT0113	Classic Elements OPzS Solar 245 Ah/120 2 v	Un	169,03 €
BAT0114	Classic Elements OPzS Solar 305 Ah/120 2 v	Un	196,96 €
BAT0115	Classic Elements OPzS Solar 380 Ah/120 2 v	Un	231,67 €
BAT0116	Classic Elements OPzS Solar 450 Ah/120 2 v	Un	250,28 €
BAT0117	Classic Elements OPzS Solar 550 Ah/120 2 v	Un	259,45 €
BAT0118	Classic Elements OPzS Solar 660 Ah/120 2 v	Un	290,89 €
BAT0119	Classic Elements OPzS Solar 765 Ah/120 2V	Un	324,86 €
BAT0120	Classic Elements OPzS Solar 985 Ah/120 2 v	Un	362,92 €
BAT0121	Classic Elements OPzS Solar 1080 Ah/120 2 v	Un	397,68 €
BAT0122	Classic Elements OPzS Solar 1320 Ah/120 2 v	Un	486,61 €
BAT0123	Classic Elements OPzS Solar 1410 Ah/120 2 v	Un	534,94 €
BAT0124	Classic Elements OPzS Solar 1650 Ah/120 2 v	Un	570,81 €
BAT0125	Classic Elements OPzS Solar 1990 Ah/120 2 v	Un	665,36 €
BAT0126	Classic Elements OPzS Solar 2350 Ah/120 2 v	Un	947,52 €
BAT0127	Classic Elements OPzS Solar 2500 Ah/120 2 v	Un	1 045,96 €
BAT0128	Classic Elements OPzS Solar 3100 Ah/120 2 v	Un	1 232,72 €
BAT0129	Classic Elements OPzS Solar 3350 Ah/120 2 v	Un	1 365,12 €
BAT0130	Classic Elements OPzS Solar 3850 Ah/120 2 v	Un	1 548,18 €
BAT0131	Classic Elements OPzS Solar 4100 Ah/120 2 v	Un	1 629,86 €
BAT0132	Classic Elements OPzS Solar 4600 Ah/120 2 v	Un	1 762,49 €

Standard Delivery Time:

2V Classic OPzS Solar elements: 6 to 8 weeks

Enersol 2V elements - 3 to 5 weeks

2V elements Sonnenschein OPzV A602 Solar - 10 to 12 weeks

12V Sonnenschein Solar Battery and Solar Block - rotating stock

Powerfit S100 / S100L Battery - 2 weeks

These are indicative deadlines, subject to confirmation at the time of order

PYLONTECH LV LITHIUM Batteries

The US2000B is ideal for photovoltaic systems with accumulation, compatible with brands such as Growatt SPH, Steca, Victron, SoleX, Solis, VOltronic, Sungrow, among others.



Item No.	Article	Unit	Price Un.
US2000B Plus batteries, 7 years warranty, with online registration + 3 years			
BAT0239	Pylontech US2000B Plus, 48V	Un	Sob consulta / upon request
BAT0312	Pylontech US2000C 50A/48V	Un	Sob consulta / upon request
BAT0266	Pylontech US3000B , 74Ah/48V (3.5kWh)	Un	Sob consulta / upon request
BAT0220	Pylontech Communication HUB LV-Hub	Un	Sob consulta / upon request
BAT0219	Pylontech cable set (battery-inverter) for LV and HV	Un	Sob consulta / upon request
BAT0301	Battery Rack 6 U S2000	Un	Sob consulta / upon request

GROWATT LITHIUM HV Batteries

Ideal for photovoltaic systems with accumulation, compatible with Growatt SPH-BH and -XH Series



Item No.	Article	Unit	Price Un.
Growatt batteries, 10 year guarantee, with online registration			
BAT0289	Growatt ARK 2.5H , High voltage battery 2.56kwh PROMO	Un	1 162,14 €
BAT0290	Growatt BMS HVC 60050-A1, BMS ARK high voltage / SPH BH3 PROMO	Un	972,80 €
BAT0304	Growatt BMS BDC 95045-A1, BMS ARK high voltage /XH PROMO	Un	1 024,00 €
BAT0302	Growatt ARK-CABLE-XH	Un	42,14 €
BAT0292	Growatt ARK-CABLE-SPH	Un	42,14 €
BAT0303	Growatt ARK-BASE	Un	42,14 €
BAT0317	Growatt ARK 2.5H-A1 Series cable	New Un	72,00 €

GROWATT LITHIUM LV Batteries

Ideal for photovoltaic systems with accumulation, compatible with hybrid Growatt inverter SPH



Nº artigo	Artigo	Unidad	Precio Un.
Growatt batteries, 10 year guarantee, with online registration			
BAT0289	Growatt ARK 2.5L , Low voltage battery 2.56kwh	Un	1 239,86 €
BAT0295	Growatt ARK 2.5L Cable (1 ano garantia)	Un	42,86 €
BAT0296	Growatt ARK 2.5L base (1 ano garantia)	Un	42,86 €

HUAWEI LITHIUM batteries HUAWEI LUNA 2000 HV

Ideal for photovoltaic systems with accumulation, compatible with Huawei inverters



Item No.	Article	Unit	Price Un.
Huawei batteries, 10 year warranty			
BAT0285	Huawei Battery Module LUNA-2000-5-E0; 5,10,15kWh. Parallel connection up to 30kWh PROMO	Un	3 210,44 €
BAT0286	Huawei Power Module DC/DC LUNA2000-5KW-C0	Un	1 107,04 €
BAT0287	Huawei LUNA wall mount bracket	Un	109,12 €
BAT0294	Huawei Back UP 1-phase	Un	520,07 €
BAT0295	Huawei Back UP 3-phase	Un	1 022,61 €

One DC/DC is required for each installation, but if > 15 kWh 2 are required per installation. Promo prices may end without warning

BYD Premium Lithium batteries

For photovoltaic systems with storage, compatible with inverters, Kostal, SMA and others



Item No.	Article	Unit	Price Un.
BYD Battery-Box LV batteries, 10 year warranty			
BAT0256	BYD Premium battery module HVS 2.56 kWh - 102.4 V (requires BCU+Base Bat.0258), Min. 2x, max. 5x.	Un	1 792,69 €
BAT0257	BYD Premium battery module HVM 2.76 kWh - 51.2 V (requires BCU+Base Bat.0258), Min. 3x, max. 8x.	Un	1 811,10 €
BAT0258	BYD Base+BCU for BYD Premium HVS / HVM	Un	755,13 €
BAT0259	BYD Premium battery module LVL 15,4 kWh (requires BMU Bat.0260)	Un	8 994,95 €
BAT0260	BYD BMU for BYD Premium LVL , additional to PDU -Base-.	Un	190,11 €
BAT0261	BYD Premium battery module LVS 4kWh (requires PDU -Base- and BMU), Min. 1x, max. 4x.	Un	2 461,03 €
BAT0262	BYD PDU (Base) for Battery Box Premium LVS (requires 1 BMU Bat.02572 e /2 modules LVS Bat.0261	Un	533,97 €
BAT0288	BYD Connector 2- for 50mm2 cable for BYD LVS*	Un	38,25 €
BAT0299	BYD Connector 2- for 70mm2 cable for BYD LVS*	Un	38,25 €

* Preço com compra de bateria /Price with battery purchase

LITHIUM TURBO ENERGY LV batteries

It is ideal for photovoltaic systems with accumulation, compatible with brands such as Growatt SPH, Steca PLI, Victron, SoleX, Solis, VOItronic, among others.

Item No.	Article	Unit	Price Un.
US2000B Plus batteries, 7 years warranty, with online registration + 3 years			
BAT0310	Pylontech by Turbo Energy US2000C 48V 2,4kWh (cada 2 baterias - incl 1 cabo)	Un	1 156,60 €
BAT0316	Pylontech by Turbo Energy US3000C 48V 3,55kWh (cada 2 baterias - incl 1 cabo)	Un	1 156,60 €
BAT0306	Turbo Energy lithium battery 48V 2,4kWh	Un	1 177,12 €
BAT0307	Turbo Energy cable KIT 2,4	Un	43,54 €
BAT0308	Turbo Energy lithium battery 24V 2,24kWh	Un	1 112,55 €
BAT0309	Turbo Energy cable KIT 2,24	Un	68,18 €

Solar Cable, Connectors, Plugs and accessories

Item No.	Article	Unit	Price Un.
CAB0061	Cape Topsolar PV ZZ-F (AS) 1x4 VM (R100)	Mt	0,94 €
CAB0062	Cape Topsolar PV ZZ-F (AS) 1x4 PT (R100)	Mt	0,94 €
CAB0063	Cape Topsolar PV ZZ-F (AS) 1x6 VM (R100)	Mt	1,30 €
CAB0064	Cape Topsolar PV ZZ-F (AS) 1x6 PT (R100)	Mt	1,30 €
CAB0067	Plug Type MC4 4-6mm ²	Un	0,82 €
CAB0068	Socket Type MC4 4-6mm ²	Un	0,82 €
CAB0069	Connection 2 x Female and 1 x Male Distribution Type MC	Un	4,32 €
CAB0070	Connection Distribution 2 x Male and 1 x Female Type MC	Un	4,32 €
CAB0080	SET. (M+F) SY-C4G, 10 mm2) socket + plug set MC4 for 10 mm cable	Un	4,32 €
CAB0022	MC KST3 I Plug (type3) for cable diameters 2-4mm ² .	Un	1,78 €
CAB0033	MC KBT3 I socket (type 3) for cable diameters 2-4mm ² .	Un	2,02 €
CAB0023	MC KST3 II (type 3) plug for cables with 2-4mm ² diameter	Un	1,78 €
CAB0034	MC KBT3 II socket (type 3) for cable diameters 2-4mm ² .	Un	2,02 €
CAB0024	MC KST3 III (type3) plug for cables with 2-4mm ² diameter	Un	1,89 €
CAB0035	MC KBT3 III socket (type3) for cable diameter 2-4mm ² .	Un	2,13 €
CAB0025	MC KST3/6 III (type3) plug for cables with 6mm ² diameter	Un	2,10 €
CAB0036	MC socket KBT3/6 III (type 3) for cable diameter 6mm ² .	Un	2,41 €
Fer0010	Pliers MC4/SY-CT01-2,5/4/6 mm2	Un	98,43 €

METERS, MODEMS



Item No.	Article	Unit	Price Un.
ITRON equipment, 2 year guarantee			
MON0223	Honeywell - Contador AS3000; Lig Direta<41,4Kva	Un	265,71 €
MON0224	Honeywell - Contador AS3500; Lig Semi-Direta>41,4Kva	Un	437,46 €
MON0225	Honeywell – Modulo GSM AM122; GSG 2G + Antena	Un	170,50 €
MON0218	Siemens Kit Contador ZMD410 - Ligação Semidireta (incl- modem)	Un	843,50 €
MON0129	Itron Counter SL7000 Y230 - Modem not included (sem desconto /no discount)	Un	267,50 €
Mon0132	Cabo ligação kit GSM Itron Contador	Un	17,12 €
MON0052	Modem Itron- Janz compatibility (sem desconto /no discount)	Un	143,58 €
MON0053	Siemens Itron-compatible Modem (sem desconto /no discount)	Un	143,58 €

OWL Monitoring of Energy, Consumption and PV Production



Item No.	Article	Unit	Price Un.
OWL equipment, 2 year guarantee			
MON0113	OWL+USB Small Business Pack, trifásico S;	Un	96,21 €
MON0114	OWL Intuition-lc Std ; 3PH, incl sensor standard	Un	119,79 €
MON0115	OWL Intuition-lc Lge ;3PH incl sensor Large	Un	157,93 €
MON0116	OWL Intuition-e ; 1PH, incl. sensor standard	Un	110,70 €
MON0117	OWL Intuition-pv ;1PH, incl. 2 sensores standard	Un	118,91 €
MON0118	OWL+USB Monitor + USB Connectivity; monofásico	Un	77,93 €
MON0119	OWL+USB Small Business Pack, trifásico L	Un	117,98 €
MON0120	OWL Network OWL Gateway Pack	Un	72,50 €
MON0122	OWL Intuition-pv ; 3PH	Un	132,21 €
MON0200	OWL Micro+Monitor;monofásico,contadores de energia	Un	63,96 €
MON0201	OWL Micro + trifásico, Sensor Standard	Un	82,98 €
MON0202	OWL Micro+trifásico,Sensor L,contadores de energia	Un	146,24 €
MON0203	OWL Sensores Standard S	Un	13,11 €
MON0204	OWL Sensores Large L	Un	14,49 €
MON0205	OWL PV Y Cable Kit	Un	26,71 €
MON0207	OWL Intuition 3 channel transmitter	Un	38,44 €

SOLARLOG Production Management and Control



Item No.	Article	Unit	Price Un.
SolarLog Equipment			
MON0101	SolarLog CT 100A-o (EOL)	Un	27,43 €
MON0040	SolarLog 300 (Standard). Up to 15 kWp , extendable up to 30 kWp (EOL)	Un	422,54 €
MON0099	SolarLog 1200 Meter . Até 100 kWp , extensível até 250 kWp (EOL)	Un	805,53 €
MON0135	Solar-Log 50 Gateway. For up to 15 kWp; Set of 6 units; price per unit; without power supply	Un	240,93 €
MON0136	SolarLog - Solar-Log Base 15. For up to 15 kWp plant size; extendable up to 30 kWp; without power supply	Un	521,82 €
MON0137	SolarLog - Solar-Log Base 100. For up to 100 kWp plant size; extendable up to 250 kWp; without power supply	Un	914,09 €
MON0138	SolarLog - Solar-Log Base 2000. For up to 2000 kWp plant size; without power supply	Un	1 306,36 €
MON0139	SolarLog Mod I/O. Connection for Power Management	Un	240,59 €
MON0140	SolarLog Mod 485. Interface Expansion Module	Un	404,38 €
MON0055	SolarLog SensorBox Professional. Incl. radiation and panel sensor, no connectivity for wind and room temperature sensor	Un	530,96 €

Item No.	Article	Unit	Price Un.
SolarLog Equipment			
MON0083	SolarLog wind sensor for connection to SensorBox Plus	Un	328,69 €
MON0084	SolarLog room temperature sensor for connection to SensorBox Plus	Un	171,66 €
MON0085	SolarLog - SensorBox Professional Plus. Incl. radiation and panel sensor and connection for wind and room temperature sensor	Un	589,71 €
MON0125	SolarLog Smart Home Relay Box	Un	377,92 €
MON0141	SolarLog - Solar-Log™ PRO1. Mod; single phase energy meter; MID; RS485	Un	118,99 €
MON0004	SolarLog - Solar-Log™ PRO380. Mod; Three-phase energy meter; MID; RS485	Un	228,88 €
MON0005	SolarLog CT PRO380-CT 250A c/ núcleo aberto 18mm diam. max. inclui cabos 2.5m	Un	155,69 €
MON0015	Solar-Log™ PRO380-CT 500A Measuring transformer	Un	35,93 €
MON0016	Solar-Log™ PRO380-CT 250A Measuring transformer	Un	34,60 €
MON0017	Solar-Log™ PRO380-CT 100A Measuring transformer	Un	35,93 €
MON0018	SolarLog PRO380-CT 500A , w/ open core 18mm diam. max. includes 2.5m cables	Un	179,65 €
MON0019	Solar-Log™ PRO380-CT 100A w/ open core 18mm diam. max. includes 2.5m cables	Un	157,02 €
MON0020	Solar-Log™ PRO380-CT 500A, Class 0,5, Measuring transformer	Un	184,97 €
MON0021	Solar-Log™ PRO380-CT 250A, Class 0,5, Measuring transformer	Un	184,97 €
MON0028	SolarLog PRO380-CT, transformer connected meter, RS485, 3 fases	Un	331,35 €
MON0074	SolarLog PRO380-CT 100A , Class 0,5 Measuring transformer	Un	230,21 €
MON0144	SolarLog - Network cable 1 meter. Cat5; RJ45	Un	18,31 €
MON0145	SolarLog - Network cable 2 meter. Cat5; RJ45	Un	18,31 €
MON0146	SolarLog - Network cable 5 meter. Cat5; RJ45	Un	22,23 €
MON0147	SolarLog - Network cable 10 meter. Cat5; RJ45	Un	24,84 €
MON0148	SolarLog - Network cable 15 meter. Cat5; RJ45	Un	32,69 €
MON0149	SolarLog - Network cable 20 meter. Cat5; RJ45	Un	40,53 €
MON0046	SolarLog Modulo de Comunicação SMA (RS485) para SB 3000/4000/5000TL-20	Un	179,13 €
MON0089	SolarLog Utility Meter (RS485) para medição de tensão U para controlo Q (U)	Un	913,99 €
Var0018	AC ELWA-E	Un	970,09 €
MON0155	SolarLog - Solar-Log power supply Gateway Solar-Log 50 / Base Power Supply	Un	23,54 €
MON0156	SolarLog Gateway Solar-Log 50 / Base DIN Rail Power Supply	Un	23,54 €
MON0157	SolarLog - Solar-Log™ PM Package 1	Un	1 495,86 €
MON0158	SolarLog - Solar-Log™ PM Package 2	Un	2 116,96 €
MON0159	SolarLog - Solar-Log™ PM Package 3	Un	2 511,84 €
MON0160	SolarLog - Solar-Log™ PM Package 4	Un	1 805,76 €
MON0161	SolarLog - Solar-Log™ PM Package 5	Un	2 596,84 €
MON0162	SolarLog - Solar-Log™ PM Package 6	Un	1 763,91 €
MON0163	SolarLog - Solar-Log™ PM Package 7	Un	2 596,84 €
MON0164	SolarLog - Solar-Log™ PM Package 8	Un	1 763,91 €
MON0165	SolarLog - Solar-Log™ PM Package 9	Un	2 328,78 €

Maintenance and Control

Teste a sua instalação. Ferramentas essenciais para O&M:

- IV Curve
- Open circuit voltage
- corrente curto-circuito
- Certificates



Item No.	Article	Unit	Price Un.
Seaward equipment, 2 year guarantee			
Fer0017	Seaward PV200, performance tests: open circuit voltage, short circuit current and insulation resistance and IV Curve	Un	sob consulta / upon request
Fer0005	Seaward Solar test kit PV200 (PV200, SS200R+bracket)	Un	sob consulta / upon request
Fer0002	Seaward Solar test kit PV200 (PV200, SS200R, bracket+ SolarCerts)	Un	sob consulta / upon request
Fer0025	Seaward PV Installation Test Kit PV150,), performance tests: open circuit voltage, short circuit current and insulation resistance	Un	sob consulta / upon request
Fer0026	Seaward Solarlink Test Kit (PV150+SS200R)	Un	sob consulta / upon request
Fer0022	Seaward Solar Survey 100, irradiation measurement, for photovoltaic and thermal	Un	sob consulta / upon request
Fer0023	Seaward Solar Survey 200R, irradiation measurement, for photovoltaic and thermal, data logger and USB interface	Un	sob consulta / upon request
Fer0024	Seaward Solar Power Clamp. Power analyzer designed to enable efficiency measurements, troubleshooting and maintenance of photovoltaic systems.	Un	sob consulta / upon request
Fer0028	Seaward SolarCerts Elements Software	Un	sob consulta / upon request
Fer0029	Seaward AC/DC Current Clamp	Un	sob consulta / upon request
Fer0030	Seaward SolarTag-Installation Labels	Un	sob consulta / upon request
Fer0031	Seaward SolatTag-DC Cable Labels	Un	sob consulta / upon request
Fer0032	Seaward MC3 Test Lead Set	Un	sob consulta / upon request
Fer0033	Seaward MC4 Test Lead set (red lead fused; black non-fused)	Un	sob consulta / upon request
Fer0034	Seaward Sunclix Test Lead Set	Un	sob consulta / upon request
Fer0035	Seaward Fused Test Lead (fused)	Un	sob consulta / upon request
Fer0036	Seaward Suction Mount PV Module Temperature Sensor/Probe	Un	sob consulta / upon request
Fer0037	Seaward PV Inspection reports- especificator	Un	sob consulta / upon request
Fer0038	Seaward PV Inspection Report Array Report Pad	Un	sob consulta / upon request
Fer0039	Seaward PV Inspection Report Array Report Pad Certification Certificate Pad	Un	sob consulta / upon request
Fer0040	Seaward Pack de 3 PV Test Reports & Certification Pads	Un	sob consulta / upon request
Fer0041	Seaward PV Lead Set w/ Terminations for MC3 and MC4 (for user connection of applicable connectors)	Un	sob consulta / upon request
Fer0042	Seaward MC4 Test Leads (Red & Black) w/ test probes (adaptable for Crocodile clip use)	Un	sob consulta / upon request
Fer0043	Seaward MC4 Test Lead, fused (red only)	Un	sob consulta / upon request
Fer0044	Seaward Earth Continuity Test Lead Set (non-fused)	Un	sob consulta / upon request
Fer0045	Seaward Solar Power Clamp Lead Set	Un	sob consulta / upon request

Commercial Terms

General Warning:

Recommended prices without VAT. Sale only to specialized companies, we do not sell to end customers.

All prices do not include VAT or transport costs.

All agreements are valid only after our confirmation of the order in writing or by delivery of the material, whereby in the latter case the invoice replaces the order confirmation.

Our trading conditions apply.

Prices are subject to change without notice.

1. The following conditions ("GENERAL CONDITIONS") regulate, in addition to the particular conditions, the terms in which DONAUER SOLAR SYSTEMS, LDA, with registered office at Núcleo Empresarial, Zona Sula, Armazém 92, Quinta dos Estrangeiros, Venda do Pinheiro, Mafra, registered with the Conservatória do Registo Comercial de Lisboa under n°16578/2007 ("DONAUER") or ("ENTREPRISE"), will supply social and environmental technology ("Furniture") as agreed with the Client.

2. The offers presented by DONAUER are subject to legal disclaimer. All agreements or commitments that are concluded with the Client or that are presented to him will only be valid after the written confirmation of DONAUER.

VAT will be added to the prices indicated in the offers or in the order confirmation notes at the legal rate in force at any given time. The prices indicated in the order confirmation notes are fixed in accordance with the conditions indicated in said orders, that is, in relation to the specified quantities, the date of delivery of the material, the characteristics of the material, the tolerance margins and manufacturer's conditions. Any subsequent modification of the aforementioned order conditions, to become effective, requires the express authorization of DONAUER, in addition to granting DONAUER the right to revise the prices accordingly.

The information contained in the DONAUER brochures and other means of supply, such as images, drawings and other specifications, are merely indicative and will only be binding after express confirmation by the Company. Drawings, sketches, presentations and other documents are the property of DONAUER and may not be passed on to third parties without your express consent. The Client assumes all responsibility in cases in which the transfer of said drawings, sketches, presentations and other documents may violate any intellectual and/or industrial property rights and copyrights.

3. Orders placed will only be considered valid and final once accepted and confirmed by DONAUER. To do this, DONAUER will confirm the order by means of a confirmation note. All orders are based exclusively on the terms of these General Conditions, without prejudice to any additions or alterations that may be agreed by the parties. Subsequent additions, modifications and agreements that alter in any way the terms on which the confirmation notice was based will only be valid if confirmed in writing by agreement of the parties. The Customer may not cancel the order once it has been confirmed by DONAUER in the terms set forth above, except in cases where the law grants the right of return.

In the case of scheduled orders, the goods will only be supplied after being ordered by the Customer. The customer must place the order within 3 months from the order confirmation. The merchandise that is not collected within this period will be invoiced to the Client.

4. Delivery times will appear on the order confirmation form and are merely indicative. Circumstances of force majeure, such as states of war, periods of work suspension, traffic interruption, riots, strikes and lockouts, public order measures, among others, that directly or indirectly affect the supply of merchandise by DONAUER or its suppliers, exempt the company from its contractual obligations during the period in which it is prevented from fulfilling them.

5. Without prejudice to the guarantee obligations that expressly derive from the law, the Client assumes full responsibility for the damages that the merchandise may suffer and those that it may offer from the moment it is sent from the factory or put into service, available to the Customer for collection.

The quantities requested by the Client will be supplied according to the availability of stock and distribution of DONAUER and its suppliers. Any quantitative difference found on the delivery note or invoice must be notified to DONAUER in writing within 3 days of receipt of the merchandise. DONAUER is authorized to make partial deliveries.

6. If no special conditions have been agreed, the goods must be checked at the Customer's facilities in accordance with the manufacturer's instructions for the supplied products or similar products. Under penalty of forfeiture, any claim or complaint of non-conformity of the merchandise must be notified by the Customer to Donauer in writing within two months from the date of detection.

In the event that defects are detected in part of the goods supplied, the Customer may not claim all of the goods, nor, in any way, demand the repair or replacement of all the goods. If the claims are considered justified, DONAUER may choose to repair the goods, replace them or reduce the price accordingly. In any case, DONAUER reserves the right to request verification/confirmation of material defects from the respective manufacturers.

In case of claim, the merchandise will be returned or delivered to DONAUER. If the claim is unfounded or time-barred, the Client will bear all expenses incurred by DONAUER, including those related to transport, storage of the material and subsequent control of the merchandise.

7. The purchase price must be paid in accordance with the provisions set forth in the order confirmation note. In case of late payment, late payment interest will be applied at the current legal supplementary rate, plus a 2% surcharge, without prejudice to the right to compensation for damages and lost profits, which will be determined by law. general. terms of law.

As a general rule, titles of credit are not admissible as a form of payment. In the event that DONAUER undertakes to accept any credit instrument as a form of payment, the charges for discounts and collections and others related to protests or similar expenses will be borne by the Client.

All orders are accepted on the condition and in the assumption that the Customer has the financial capacity to pay the purchase price in full and comply with the other obligations arising from the contract entered into with DONAUER. If the Client fails to comply with these conditions - evidenced by negative information about his financial situation and verification of cases of non-compliance - DONAUER reserves the right to demand payment in cash and against delivery of the goods, regardless of the price and other conditions. of payment that have been previously agreed, that is, those that result from the order and/or confirmation note. In the event of a significant deterioration in the Client's economic situation after the conclusion of the contract or a situation of repeated delays in payment, if the client does not put an end to the delinquent situation or present the appropriate guarantees within the period that DONAUER reasonably establishes for the indeed, DONAUER has the right to terminate the contract and demand the immediate settlement of all overdue or overdue credits. If DONAUER exercises the right to terminate the contract, the Client is obliged to indemnify it for lost profits and/or consequential damages, in the general terms of the law. All payments made must be made exclusively to DONAUER.

8. Without prejudice to the risk transfer regime established in section 5 above, all deliveries are made under the retention of ownership regime until payment of the entire purchase price and, in the case of payment by check, prior collection. of the same, without affecting the validity, effectiveness and perfection of the contract between DONAUER and the Client.

Without prejudice to the right of resolution and Compensation referred to in the previous point, DONAUER may demand the return of each and every one of the goods supplied, if it is aware that the Client is in a situation of insolvency, having been requested to open of the liquidation process, a moratorium has been requested, bankruptcy has been opened or a declaration of guarantee has been provided under oath, without prejudice to the legal regime established by the Bankruptcy and Recovery of Companies Code.

The Client has the right of possession over the merchandise and can dispose of it in the normal exercise of its commercial activity. The validity and effectiveness of the sale of the goods by the Client to third parties, that is, to its clients, depends on the prior consent of Donauer, and the Client must inform the buyer of the existence of the right of reservation of property in favor of DONAUER. Any act or contract of the Client that exceeds the normal terms of its commercial activity, namely the constitution of pledges or the provision of guarantees, also depends on the prior consent of DONAUER.

In general, the Client must inform DONAUER of all the measures adopted by third parties that affect or may affect the right to reserve ownership of the supplied goods (for example, enforcement actions brought by other creditors).

Notwithstanding the provisions of Point 8 above, the Customer undertakes to take out insurance for the goods subject to retention of title against all risks, in particular Fire risks. At the request of DONAUER, the Client is obliged to prove the existence and validity of the aforementioned insurance contract.

9. The contract is governed by Portuguese law. The competent forum for all issues arising from this contract is that of the district of Lisbon, expressly waiving any other, unless otherwise agreed by the Parties.

10. If any of the provisions of these conditions of sale and supply are held invalid, this shall not affect the remaining provisions.