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1. Solar Modules

MONO AND POLYCRYSTALLINES SOLAR MODULES

1.1 SOLARWORLD Modules



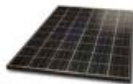
		Max. Tension	Nominal Power	high-wide-deep (mm)	Price
2230802	SOLARWORLD MONOCRYSTALLYNE SW230	20V	230W	1675x1001x34	427,00
2230803	SOLARWORLD MONOCRYSTALLYNE SW235	20V	235W	1675x1001x34	436,00
2230804	SOLARWORLD MONOCRYSTALLYNE SW240	20V	240W	1675x1001x34	446,00
2230805	SOLARWORLD MONOCRYSTALLYNE SW245	20V	245W	1675x1001x34	455,00
2235210	SOLARWORLD POLYCRYSTALLINE SW 210 Texturized	20V	210W	1675x1001x34	683,00
2235215	SOLARWORLD POLYCRYSTALLINE SW 215 Texturized	20V	215W	1675x1001x34	399,00
2235220	SOLARWORLD POLYCRYSTALLINE SW 220 Texturized	20V	220W	1675x1001x34	408,00
2235225	SOLARWORLD POLYCRYSTALLINE SW 225 Texturized	20V	225W	1675x1001x34	418,00
2235230	SOLARWORLD POLYCRYSTALLINE SW 230 Texturized	20V	230W	1675x1001x34	427,00
2235235	SOLARWORLD POLYCRYSTALLINE SW 235 Texturized	20V	235W	1675x1001x34	436,00
2235240	SOLARWORLD POLYCRYSTALLINE SW 240 Texturized	20V	240W	1675x1001x34	446,00

1.2 REC Polycrystallines Modules



		Max. Tension	Nominal Power	high-wide-deep (mm)	Price
2239032	POLIC. REC 220PE 20V	20V	220W	1665X991X38	303,00
2239034	POLIC. REC 225PE 20V	20V	225W	1665X991X38	310,00
2239035	POLIC. REC 230PE 20V	20V	230W	1665X991X38	318,00
2239040	POLIC. REC 235PE 20V	20V	235W	1665X991X38	332,00
2239041	POLIC. REC 240PE 20V	20V	240W	1665X991X38	351,00
2239043	POLIC. REC 245PE 20V	20V	245W	1665X991X38	366,00
2239045	POLIC. REC 250PE 20V	20V	250W	1665X991X38	403,00

1.3 KYOCERA* Polycrystallines Modules



		Max. Tension	Nominal Power	high-wide-deep (mm)	Price
2240258	KD50SE-1P POLIC. MODULE	12V	50W	706x744x46	278,00
2240257	KD95SX-1P POLIC. MODULE	12V	95W	1043x656x45	454,00
2240260	KD140GH-2PU POLIC. MODULE	12V	140W	1500x668x46	279,00
2240253	KD190GH-2PU POLIC. MODULE	20V	190W	1993x990x46	356,00
2240252	KD210GH-2P POLIC. MODULE	20V	210W	1500x990x36	370,00
2240215	KD215GH-2PB POLIC. MODULE	20V	215W	1500x959x46	378,00
2240235	KD235GH-2PB POLIC. MODULE	20V	235W	1662x990x46	410,00
2240240	KD240GH-2PB POLIC. MODULE	20V	240W	1662x990x46	422,00
2240245	KD245GH-2PB POLIC. MODULE	20V	245W	1662x990x46	439,00

1.4 SCHOTT Polycrystalline Modules



		Max. Tension	Nominal Power	high-wide-deep (mm)	Price
2240022	SCHOTT POLICRISTALLINES MODULES	20V	175 Wp	1620x810x50	283,00
2240029	SCHOTT POLICRISTALLINES MODULES	20V	180Wp		291,00
2240025	SCHOTT POLICRISTALLINES MODULES	20V	225 Wp	1685x993x50	320,00
2240027	SCHOTT POLICRISTALLINES MODULES	20V	230 Wp	1685x993x50	327,00
2240028	SCHOTT POLICRISTALLINES MODULES	20V	235 Wp	1685x993x50	342,00
2240030	SCHOTT POLICRISTALLINES MODULES	20V	240 Wp	1685x993x50	356,00
2240035	SCHOTT POLICRISTALLINES MODULES	20V	245 Wp	1685x993x50	372,00

1.5 HYUNDAI Polycrystalline Modules



		Max. Tension	Nominal Power	high-wide-deep (mm)	Price
2243000	HYUNDAI POLICRISTALLINES MODULES	30,1V	230Wp	383x1645x35	308,00
2243005	HYUNDAI POLICRISTALLINES MODULES	30,3V	235Wp	383x1645x35	315,00

1.6 YSP Polycrystalline Modules



		Max. Tension	Nominal Power	high-wide-deep (mm)	Price
2240115	P. POLICRISTALINOS YSP	12V	60W	1000x510x35	136,00
2240116	P. POLICRISTALINOS YSP	12V	80W	1195x550x35	179,00
2240117	P. POLICRISTALINOS YSP	12V	100W	1200x680x35	222,00

1.7 SOLARFABRIK Modules



		Max. Tension	Nominal Power	high-wide-deep (mm)	Price
2240018	POLIC. SOLARFABRIK SF200A	20V	200W	1667x998x50	To be consulted
2240019	POLIC. SOLARFABRIK SF210A	20V	210W	1667x998x50	To be consulted
2240020	POLIC. SOLARFABRIK SF220A	20V	220W	1667x998x50	To be consulted

1.8 ET Monocrystallines Modules




		Max. Tension	Nominal Power	high-wide-deep (mm)	Price
2240111	ET M53605	12V	5 Wp		20,00
2240110	ET M53610	12V	10 Wp		37,20
2240113	ET M53620	12V	20 Wp		72,00
2240114	ET M53650	12V	50 Wp		159,00


1.9 SCHOTT Monocrystallines Modules




		Max. Tension	Nominal Power	high-wide-deep (mm)	Price
2240050	SCHOTT MONOCRYSTALLINES MODULES	36,2	185W	1620x810x50	270,00
2240051	SCHOTT MONOCRYSTALLINES MODULES	36,3	190W	1620x810x50	276,00
2240052	SCHOTT MONOCRYSTALLINES MODULES	36,4	195W	1620x810x50	290,00

1.10 HYUNDAI Monocrystallines Modules		Max. Tension	Nominal Power	high-wide-deep (mm)	Price
	2243050 HYUNDAI MONOCRYSTALLINES MODULES	30,3	245Wp	383x1645x35	328,00
	2243055 HYUNDAI MONOCRYSTALLINES MODULES	30,5	250Wp	383x1645x35	335,00

CIS HIGH PERFORMANCE SOLAR MODULES


1.11 CIS WÜRTH SOLAR Modules		Max. Tension	Nominal Power	high-wide-deep (mm)	Price
	2234105 SP WÜRTH SOLAR 5,5	12V	5,5W	205x305	128,00
	2234112 SP WÜRTH SOLAR 12	12V	12W	405x305	174,00
	2234123 SP WÜRTH SOLAR 23	12V	23W	405x605	340,00
	2234125 SP WÜRTH SOLAR 35	12V	35W	605x605	388,00
	2234155 SP WÜRTH SOLAR 55	12V	55W	605x905	450,00
	2234175 SP WÜRTH SOLAR 75	24V	75W	605x1205	259,00
	2234180 SP WÜRTH SOLAR 80	24V	80W	605x1205	287,00


SP= By Order


1.12 CIS AVANCIS Modules		Max. Tension	Nominal Power	high-wide-deep (mm)	Price
	2234190 SP P. AVANCIS	30V	100W	684x1595x45	132,00
	2234195 P. AVANCIS	30V	110W	684x1595x45	152,00
	2234200 P. AVANCIS	30V	120W	684x1595x45	182,00
	2234205 P. AVANCIS	30V	130W	684x1595x45	215,00
	2234210 P. AVANCIS	30V	135W	684x1595x45	232,00


SP= By Order

AMORPHOUS/THIN FILM SOLAR MODULES


1.13 Flexcell Flexibles Modules		Max. Tension	Nominal Power	high-wide-deep (mm)	Price
	2240270 Flexcell FLX-MO100	30V	100W		To be consulted

1.14 Unisolar Flexibles Modules		Max. Tension	Nominal Power	high-wide-deep (mm)	Price
	2240263 TRIPLE THIN FILM ROLL PVL-136	24V	136W	5486x394x2,5	To be consulted

1.15 Solar Technics no Frame Modules		Max. Tension	Nominal Power	high-wide-deep (mm)	Price
	2240273 SolarTechnics	30V	40W	1245x365x7,5	63,00
	2240274 SolarTechnics	30V	44W	1245x365x7,5	70,00
	2240272 SolarTechnics	30v	50 w	1245x365x7,5	79,00
	2240275 SolarTechnics	30V	53W	1245x365x7,5	84,00
	2240276 Fixing Staple Solartechinics (Simple)				3,50
	2240277 Fixing Staple Solartechinics (Double)				3,50
	2240278 Fixing Tape Cinta Fijación (10 metros)				42,50

1.16 Thin Film SCHOTT Modules		Max. Tension	Nominal Power	high-wide-deep (mm)	Price
	2240287 SCHOTT 84W Thin Film Module		84W	1108x1308x50	92,00
	2240288 SCHOTT 95W Thin Film Module		95W	1108x1308x50	103,00
	2240290 SCHOTT 97W Thin Film Module		97W	1108x1308x50	104,00
	2240289 SCHOTT 100W Thin Film Module		100W	1108x1308x50	108,00
	2240291 SCHOTT 105W Thin Film Module		105W	1108x1308x50	120,00

1.17 Framed Modules		Max. Tension	Nominal Power	high-wide-deep (mm)	Price
	2240282 NexPower NH-100AX-1_4A	30V	100W		171,00

1.18 SOLAR CELL EKO SOLAR Amorphous Modules		Max. Tension	Nominal Power	high-wide-deep (mm)	Price
	2242401 SOLAR CELL MODULES	12V	2W	308x157x8	24,60
	2240400 SOLAR CELL MODULES	12V	6W	312x465x25	42,80
	2241000 SOLAR CELL MODULES	12V	14W	312x923x25	75,00

2. Grid Connected Inverters

2.1 STECA Grid Connected Inverters



		Max. Tension	Nominal Power	high-wide-deep (mm)	Price
2267751	STECA GRID 300-M 300W IP20 (MC3) AC Conector Included	45-135V	300W	243x176x71	293,00
2267753	STECA GRID 500-M 500W IP20 (MC3) AC Conector Included	45-230V	500W	243x176x71	320,00
2267755	STECA GRID 2000W Master 2 series D Master-M	80-450V	2000W	542x140x351	1.160,00
2267760	STECA GRID 2000W Slave 2 series Slave-M	80-450V	2000W	535x140x226	854,00
2267761	I. RED STECA GRID 3000W	350-650V	3000W	340x608x222	1.335,00
2267762	I. RED STECA GRID 3600W	350-650V	3600W	340x608x222	1.482,00
2267765	I. RED STECA GRID 8000W 3ph	350-680V	8000W	405x845x224	2.569,00
2267770	I. RED STECA GRID 10.000W	350-700V	10800W	400x847x225	2.856,00

2.2 FRONIUS Grid Connected Inverters



2.2.1 Fronius IG

		Max. Tension	Nominal Power	high-wide-deep (mm)	Price
2267615	SP I. IG 15	150-500V	1300/1500W	366x338x220	1.051,00
2267620	SP I. IG 20	150-500V	1800/2000W	366x338x220	1.060,00
2267630	SP I. IG 30	150-500V	2500/2550W	366x338x220	1.117,00
2267640	SP I. IG 40	150-500V	3500/4100W	629x338x220	1.709,00
2267660	SP I. IG 60	150-530V	5000W	629x338x220	1.890,00
2267661	SP I. IG 60 / EXTE	150-530V	5000W	629x338x220	1.961,00
2267626	IG 30V-Plus-1	230-500V	3170W	673x434x250	1.449,00
2267633	IG 35V-Plus-1	230-600V	3500W	631x434x244	1.563,00
2267629	IG 50V-Plus-1	230-600V	4000W	631x434x244	1.639,00
2267635	IG 70V-Plus-2 (Bifasic)	230-600V	6500W	926x434x244	2.740,00
2267641	IG 70V-Plus-1 (Monofasic)	230-600V	6500W	926x434x244	2.740,00
2267638	IG 100V-Plus-2	230-600V	8000W	926x434x244	2.996,00
2267624	IG 100V-Plus-3 (Trifasic)	230-600V	8000W	926x434x244	2.996,00
2267636	IG 120V-Plus-3	230-600V	10000W	1221x434x244	3.531,00
2267637	IG 150V-Plus-3	230-600V	12000W	1221x434x244	3.591,00
2267664	SP IG 300	210-530V	24Kw	600x600x2557	11.782,00
2267665	SP IG 400	210-530V	32Kw	600x600x2557	14.378,00
2267670	SP IG 500	210-530V	40Kw	600x600x2557	17.547,00

SP= By Order

2.2.2 Fronius IG TL

2267608	I. IG TL 3.0 (Com Card Included)	300-750V	3000W	597x413x195	1.463,00
2267610	I. IG TL 3.6 (Com Card Included)	300-750V	3680W	597x413x195	1.579,00
2267613	I. IG TL 4.0 (Com Card Included)	300-750V	4000W	597x413x195	1.579,00
2267616	I. IG TL 4.6 (Com Card Included)	300-750V	4600W	597x413x195	1.843,00
2267614	I. IG TL 5.0 (Com Card Included)	300-750V	4600/5000	597x413x195	1.843,00

2.2.3 Fronius CL

2267671	I. CL 36	230-500V	36 kW	1830x1105x722	13.458,00
2267672	I. CL 48	230-500V	48 kW	1830x1105x722	15.863,00
2267673	I. CL 60	230-500V	60 kW	1830x1105x722	17.644,00

2.3 SOLARMAX Grid Connected Inverters



2.3.1 Monofasics

2268350	SOLARMAX 2000S	100-600V	1800W/1980VA	550x250x200	1.131,00
2268355	SOLARMAX 3000S	100-600V	2500W/2750VA	550x250x200	1.307,00
2268360	SOLARMAX 4200S	100-600V	3800W/4180VA	550x250x200	1.634,00
2268370	SOLARMAX 6000S	100-600V	4600W/5060VA	550x250x200	1.660,00

2.3.2 Trifasics without Transformer


2268300	SOLARMAX 20S	400/900V	20KW	570x570x1170	7.850,00
2268305	SOLARMAX 35S	400/900V	35KW	570x570x1170	10.596,00



2.3.3 Trifasics with Transformer

2268005	SOLARMAX 20C	430/900V	20KW	570x570x1170	10.905,00
2268010	SOLARMAX 25C	430-900V	25KW	570x570x1170	12.351,00
2268015	SOLARMAX 30C	430/900V	30KW	570x570x1170	13.427,00
2268020	SOLARMAX 35C	430-900V	35KW	570x570x1170	14.515,00
2268026	SOLARMAX 50TS	430/800V	66KW	1000x760x1410	20.898,00
2268031	SOLARMAX 80TS	430/800V	105KW	1000x760x1410	28.721,00
2268032	SOLARMAX 300TS	430/800V	400Kw	2x(1200x800x1970)	82.385,00
2268052	SOLARMAX 100TS	430/800V	130KW	1000x760x1410	30.141,00

2.3.4 Solarmax MT Series

2268280	I. SOLARMAX 10MT	320/900V	10KW	550x200x750	3.510,00
2268285	I. SOLARMAX 13MT	280/900V	13KW	550x200x750	4.354,00
2268290	I. SOLARMAX 15MT	320/900V	15KW	550x200x750	4.736,00




2.4 LTI Grid Connected Inverters		Max. Tension	Nominal Power	high-wide-deep (mm)	Price
	2267810 LTI 100Kw PVM 450-100	450V/900V	100kW	1800x1400x600	31.856,00
	2267815 LTI 200Kw PVM 450-250	450V/900V	200kW	1800x2000x600	63.631,00

2.5 RIELLO/AROS Grid Connected Inverters		Max. Tension	Nominal Power	high-wide-deep (mm)	Price
	2268860 AROS HP10065 connectors included	260/800V	10000W/11000W		3.545,00
	2268863 AROS K20	390/800V	20kW/22kW	555x720x1200	7.812,00
	2268864 AROS K25	390/800V	25kW/28kW	555x720x1200	8.492,00
	2268866 AROS K33	390/800V	33kW/36kW	555x720x1200	9.251,00
	2268867 AROS K40	390/800V	40kW/44kW	555x720x1200	9.868,00
	2268868 AROS K64	N.A/800V	64kW/71kW	800x800x1900	20.846,00
	2268865 AROS K80	390/800V	80kW/88kW	800x800x1900	17.000,00
	2268870 AROS K100	390/800V	100kW/110kW	800x800x1900	19.530,00
	2268871 AROS K200	390/800V	180kW/250kW	1630x1000x1900	47.784,00
	2268875 AROS K250 HV	390/800V	250kW/275kW	1630x1000x1900	52.767,00
	2268877 AROS SIRIO 1500X	120/450V	1500W/1650W	315x120x270	1.005,00
	2268879 AROS SIRIO 2000X	120/500V	2000W/2200W	350x120x305	1.177,00
	2268881 AROS SIRIO 2800X	120/500V	2800W/3000W	350x135x305	1.332,00
	2268883 AROS SIRIO 3100X	120/500V	3100W/3400W	425x120x370	1.471,00
	2268885 AROS SIRIO 4000X	120/500V	4000W/4400W	425x120x370	1.634,00
	2268887 AROS SIRIO 4000X IP65	120/500V	4000W/4400W	435x135x390	1.814,00
	2268889 AROS SIRIO 4600X IP65	120/750V	4600W/5100W	430x130x530	1.865,00
	2268891 AROS SIRIO 6000X IP65	150/550V	6000W/6000W	430x155x530	2.320,00
	2268892 AROS SIRIO 10000X IP65	200/800V	10000W/11000W	444x151x584	3.545,00

GRID CONNECTED INVERTERS ACCESORIES

2.5 Grid Connected FRONIUS IG Inverters Accesories		Price
	2267559 FRONIUS DC BOX 60/12	258,00
	2267558 SP FRONIUS DC BOX 100/12	915,00
	2267562 FRONIUS DC-STRING CONTROL 250/25	1.537,00
	2267563 SP PERSONAL DISPLAY CARD RETROFIT	85,00
	2267647 MODEM TIXI MESSAGE (ANALOGIC) AT V.90	317,00
	2267648 MODEM SIEMENS TC-35i T-A100 (GSM)	324,00
	2267678 DATALOGGER FRONIUS WEB (USB-ETHERNET INTERFACE)	660,00
	2267698 MODEM US ROBOTICS V.EEVERYTHING 56K FOR FRONIUS INVERTERS	439,00
	2267682 COM CARD RETROFIT IG (1 INVERTER)	100,00
	2267683 DATALOGGER CARD EASY IG (1 INVERTER) Retrofit	EASY 188,00
	2267681 DATA REGISTER CARD (2 TO 100 INVERTERS)	PROFI 294,00
	2267684 SENSOR CARD IG	414,00
	2267561 TERMINATION PLUG FRONIUS RJ45	9,00
	2267700 SIGNAL CARD IG	78,00
	2267687 SOLAR IRRADIATION SENSOR IG	146,00
	2267688 AMBIENT TEMPERATURE SENSOR IG	32,60
	2267689 MODULE TEMPERATURE SENSOR IG	161,00
	2267693 ANEMOMETER IG	55,00
	2267691 SENSOR BOX (INPUT: 2PT1000+2DIG.+1 ANALOG)	459,00
	2267690 DATALOGGER BOX EASY (1 INVERTER)	261,00
	2267685 DATALOGGER BOX PRO (from 2 to 100 inverters IG)	338,00
	2267680 SP DATALOGGER FRONIUS WEB (Ethernet interface)	660,00
	2267702 (*) POWER RACK 300	764,00
	2267667 SP (*) PRINT IG-CONTROL (IG CENTRAL)	128,00
	2267668 SP (*) FLAT CABLE 570 mm FOR OPTION RACK IG CENTRAL	14,50
	2267679 SP (*) FAN CONTROL	282,00
	2267724 FRONIUS UPDATE PACKAGE	281,00
	2267725 FRONIUS CONVERTER RS232 BOX	224,00
	2267726 FRONIUS CONVERTER USB	212,00
	2267727 PUBLIC DISPLAY BOX FRONIUS IG	264,00
	2267728 GROUND CONEXION KIT IGPLUS	85,00
	2267229 DC CONNECTOR KIT IGPLUS	36,80
	2267711 POWER SUPPLY 15W 240/12V	56,00

* Replacement SP= By Order

2.6 Grid Connected SOLARMAX Inverters Accesories		Price
	2268046 MAX CONNECT 12 PLUS Box Connectin for 12	2.260,00
	2268047 MAX CONNECT 16 PLUS Box Connection for 16	2.562,00
	2268041 MAX METEO INTERFACE	1.055,00
	2268042 MAX ETHERET SOLARMAX Data Register and System	860,00
	2268051 MAX VISIO	711,00
	2268053 MAX ETHERNET-XP Data Register and alarm system compatible with web	860,00
	2268054 MAX WEB GPRS-XP	1.258,00
	2268055 MAX COUNT	395,00
	2268056 SOLARMAX SENSOR IRRADIACION	603,00

2.7 Information Display for Grid Connected RICO ELECTRONIC Inverters					high-wide-deep (mm)	Price
	2267579	P. I. GA-1000 - 3 lines	LCD	16m	700x500x50	1.691,00
	2267581	GA-1000	DIODOS	16m	700x500x50	1.152,00
	2267582	1 Fase 5kW (30W) Counter kWh/230Vca				151,00
	2267583	1 Fase 5kW (5W) Counter kWh/230Vca				206,00
	2267585	GA-2000S	LCD	20m	1000x700x50	1.831,00
	2267586	GA-2000G	LCD	25m	1000x700x50	2.591,00

2.8 Grid Connected STECA Inverters Accesories					Price	
	2262703	DIGITAL ENERGY METER ALD1			17,5x89,2x63,4	90,00
	2262704	STECA AC CONECTOR				3,50
	2262705	STECA GRID CONTROL I1				600,00
	2262706	STECA GRID REMOTE				195,00
	2262707	STECA GRID VISION				408,00
	2254921	STECA DATALOGGER PA TARCOM 01 (Serial)				641,00
	2254922	STECA DATALOGGER PA TARCOM RMT (Modem)				1.215,00
	2254923	STECA DATALOGGER PA TARCOM GMS				1.325,00
	2254924	STECA DATALOGGER PA TARCOM ETHERNET				1.093,00

2.9 Grid Connected Inverters Accesories					high-wide-deep (mm)	Price
	2268277	ENS 31			220x11x80	468,00

2.10 Grid Connected AROS Inverters Accesories					alto-ancho-fondo (mm)	P.V.P.
	2269010	TARJETA AROS RS485				75,00
	2269012	NETMAN AROS 102 PLUS				167,00
	2269014	MODCOM PV AROS				194,00
	2269016	NETMAN AROS SENSOR INTERFACE				135,00
	2269018	MODEM AROS GSM RT100				378,00
	2269020	SUNGUARD AROS BOX DATALOGGER FAMILY (Up to 20 kW)				1.202,00
	2269022	SUNGUARD AROS BOX DATALOGGER FAMILY SMALL (Up to 100 kW)				2.034,00
	2269024	SUNGUARD AROS BOX DATALOGGER PROFESSIONAL (Up to 500 kW)				2.495,00
	2269026	SENSORKIT-A AROS (TEMPERATURA)				1.202,00
	2269028	SENSORKIT-B AROS (TEMPERATURA + IRRADIACION)				1.848,00
	2269030	STRING CONTROL AROS SG1 (1 String)				628,00
	2269032	STRING CONTROL AROS SG2 (2 String)				731,00
	2269034	STRING CONTROL AROS SG3 (3 String)				777,00
	2269036	STRING CONTROL AROS SG4 (4 String)				833,00
	2269038	MODEM AROS GPRS-RS232				555,00

3. Off Grid Inverters

3.1 Off Grid low power sinusoidal STECA Inverters

			Max. Tension	Nominal Power	high-wide-deep (mm)	Price
	2265501	SOLARIX PI 550	12/230W	IP 20 550W	212x395x130	389,00
	2265502	SOLARIX PI 1100	24/220V	IP 20 1100W	212x395x130	601,00
	2265503	COMMUTATION BOX PARALLEL PA-X4				176,00
	2265504	STECA SOLARIX PI1100 (Set) *	12V			857,00
	2265505	STECA SOLARIX PI1600 (Set) *	12V			1.297,00
	2265506	STECA SOLARIX PI2200 (Set) *	12V			1.683,00
	2265507	STECA SOLARIX PI2200 (Set) *	24V			1.341,00
	2265508	STECA SOLARIX PI3300 (Set) *	24V			1.950,00
	2265511	STECA SOLARIX PI4400 (Set) *	24V			2.573,00

* Wire connection and commutation box PAx4 included

3.2 Grid Off Automatic Sinusoidal Steca Inverters/Chargers

			Max. Tension	Nominal Power	high-wide-deep (mm)	Price	
	3.11.1 STECA XPC						
	2262620	I/C. XPC 1400-12	3300W	12/230V	1100W	410x215x124	1.397,00
	2262625	I/C. XPC 2200-24	4800W	24/230V	1600W	410x215x124	1.476,00
	2262630	I/C. XPC 2200-48	4800W	48/230V	1600W	410x215x124	1.556,00
	3.11.2 STECA XTENDER XTM						
	2262634	I/C. XTENDER XTM 1500-12	3.4kVA	12/230V	1500VA	323x463x130	1.971,00
	2262631	I/C. XTENDER XTM 2000-12	4.8kVA	12/230V	1600VA	323x463x130	2.403,00
	2262636	I/C. XTENDER XTM 2400-24	6kVA	24/230V	2000VA	323x463x130	2.064,00
	2262637	I/C. XTENDER XTM 2600-48	6.5kVA	48/230V	2000VA	323x463x130	2.126,00
	2262632	I/C. XTENDER XTM 3500-24	9kVA	24/230V	3000VA	323x463x130	2.557,00
	2262633	I/C. XTENDER XTM 4000-48	10.5kVA	48/230V	3500VA	323x463x130	2.680,00
	3.11.3 STECA XTENDER XTH						
	2269101	I/C. XTENDER XTH 3000-12	3000VA	12/230V	2500W	220x290x500	3.217,00
	2269102	I/C. XTENDER XTH 5000-24	5000VA	24/230V	4000W	220x290x500	4.166,00
	2269103	I/C. XTENDER XTH 6000-48	6000VA	48/230V	5000W	220x290x500	4.737,00
	2269104	I/C. XTENDER XTH 8000-48	8000VA	48/230V	7000W	220x310x500	5.920,00
	3.11.4 STECA XTENDER XTS						
	2269105	I/C. XTENDER XTS 1000-12	500W	12/230V	500VA	210X310X110	1.047,00
	2269106	I/C. XTENDER XTS 1200-24	650W	24/230V	650VA	210X310X110	1.125,00
	2269107	I/C. XTENDER XTS 1400-48	700W	48/230V	700VA	210X310X110	1.140,00

3.3 Off Grid Sinusoidal Irepol I. with LCD and group relay

			Max. Tension	Nominal Power	high-wide-deep (mm)	Price	
	2266951	I. GMS 800/12	1500W	12/230V	800W	230x217x140	503,00
	2266953	I. GMS 800/24	1500W	24/230V	800W	230x217x140	503,00
	2266954	I. GMS 18/12	3000W	12/230V	1800W	187x292x187	956,00
	2266956	I. GMS 18/24	3000W	24/230V	1800W	187x292x187	839,00
	2266958	I. GMS 18/48	3000W	48/230V	1800W	187x292x187	956,00
	2266960	I. GMS 22/12	4000W	12/230V	2200W	187x292x187	1.146,00
	2266962	I. GMS 33/24	6000W	24/230V	3300W	187x292x187	1.080,00
	2266964	I. GMS 33/48	6000W	48/230V	3300W	187x292x187	1.160,00
	2266966	I. GMS 40/24	7500W	24/230V	4000W	187x500x292	1.328,00
	2266967	I. GMS 40/48	7500W	48/230V	4000W	500x292x187	1.589,00

3.4 Off Grid Sinusoidal low power DELTA Inverters

			Max. Tension	Nominal Power	high-wide-deep (mm)	Price	
	2266015	I. DELTA TC PICCOLO 1.5/12	370W	12/230V	150VA	110x75x190	167,00
	2266025	I. DELTA TC PICCOLO 2.5/24	600W	24/230V	250VA	110x75x190	195,00
	2266040	I. DELTA TC DOMINOIII 05/12	1.650W	12/230V	500VA	155x96x275	437,00
	2266060	I. DELTA TC DOMINOIII 07/24	2.130W	24/230V	700VA	155x96x275	627,00
	2266070	I. DELTA TC ALLEGRO 08/12	2.550W	12/230V	800VA	210x120x360	856,00
	2266074	I. DELTA TC ALLEGRO 10/24	3.300W	24/230V	1000VA	210x120x360	856,00
	2266078	I. DELTA TC ALLEGRO 10/48	3.300W	48/230V	1000VA	210x120x360	1.026,00

3.5 Off Grid Sinusoidal medium/high power DELTA

			Max. Tension	Nominal Power	high-wide-deep (mm)	Price	
	2266130	I. DELTA TC 13/12	3.900W	12/230V	1300VA	260x181x375	1.131,00
	2266131	I. DELTA TC 13/48	3.900W	48/230V	1300VA	260x181x375	1.131,00
	2266134	I. DELTA TC 15/24	3.900W	24/230V	1500VA	260x182x385	1.206,00
	2266200	I. DELTA TC 20/12	6.000W	12/230V	2000VA	320x211x456	1.508,00
	2266204	I. DELTA TC 22/24	6.000W	24/230V	2200VA	320x211x456	1.508,00
	2266208	I. DELTA TC 22/48	6.000W	48/230V	2200VA	320x211x456	1.508,00
	2266210	I. DELTA TC 25/110	9.000W	110/230V	2500VA	320x211x456	2.578,00
	2266324	I. DELTA TC 30/24	9.000W	24/230V	3000VA	320x211x456	2.104,00
	2266358	I. DELTA TC 35/48	3.500W	48/230V	3500VA	320x211x456	2.578,00

3.6 Off Grid Sinusoidal automatic ASP/SOLON Inverters

			Max. Tension	Nominal Power	high-wide-deep (mm)	Price
	2268130	I/CARG. DELTA TCNL 13/12	12/220V	1300VA	260x181x375	1.707,00
	2268220	I/CARG. DELTA TCNL 22/24	24/220V	2200VA	320x211x456	2.086,00

3.7 Steca Inverters Accessories

2262700	Temperature SENSOR					59,00
2262710	RCC REMOTE CONTROL					255,00

3.8 ASP/SOLON Inverters Accessories

2268500	REMOTE CONTROL DISPLAY FOR DELTA TCNL			30m	110x90x30	244,00
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4. Regulators

4.1 Low Power STECA Regulators



		Max. Tension		high-wide-deep (mm)	Price
2253013	PR0303 C/BOX	12V	IP32 3A	146x90x33	28,40
2253015	PR0505 C/BOX	12V	IP32 5A	146x90x33	32,60

4.2 Low Power Algorithmics STECA Regulators



		Max. Tension		high-wide-deep (mm)	P.V.P.
2253001	SOLSUM 6.6 F	12/24V	IP32 6A	130x88x39	18,90
2253002	SOLSUM 8.8 F	12/24V	IP32 8A	130x88x39	25,20
2253003	SOLSUM 10.10 F	12/24V	IP32 10A	130x88x39	33,60
2253008	SOLSUM 8.0C NO LOAD OFF	12/24V	IP32 8A	130x88x39	19,00
2270453	PRS 0606N	12/24V	IP32 6A	146x94x28	74,00
2270454	PRS 1010N	12/24V	IP32 10A	146x94x28	90,00

4.3 Algorithmics STECA Regulators



		Max. Tension		high-wide-deep (mm)	P.V.P.
2253205	SOLARIX PRS1010	12/24V	IP 34 10A	188x106x49	55,00
2253210	SOLARIX PRS1515	12/24V	IP 34 15A	188x106x49	59,00
2253215	SOLARIX PRS2020	12/24V	IP 34 20A	188x106x49	66,00
2253220	SOLARIX PRS3030	12/24V	IP 34 30A	188x106x49	87,00
2254321	SOLARIX MPPT 1010	12/24V	IP20 10A	187x153x68	189,00
2254322	SOLARIX MPPT 2010 FOR GRID CONNECTION MODULES	12/24V	IP20 20A	187x153x68	231,00

4.4 Algorithmics LCD Alphanumeric Screen STECA Reg.



		Max. Tension		high-wide-deep (mm)	P.V.P.
2253101	STECA PR1010	12/24V	IP32 10A	188x106x49	83,00
2253151	STECA PR1515	12/24V	IP32 15A	188x106x49	99,00
2253202	STECA PR2020	12/24V	IP32 20A	188x106x49	116,00
2253303	STECA PR3030	12/24V	IP32 30A	188x106x49	137,00
2253305	STECA SOLARIX 2401	12/24V	IP32 40A	188x128x49	174,00
2253310	STECA SOLARIX 4401	48V	IP32 40A	188x128x49	200,00

4.5 Algorithmics Programmable STECA Regulators



		Max. Tension		high-wide-deep (mm)	Price
2254230	SOLARIX TAROM 235	12/24V	IP32 35A	188x128x49	206,00
2254245	SOLARIX TAROM 245	12/24V	IP32 45A	188x128x49	238,00
2254435	SOLARIX TAROM 440	48V	IP32 40A	188x128x49	273,00

4.6 Algorithmics Programmable high power STECA Regulators



				20/50°C	P.V.P.
2252070	SOLARIX POWER TAROM 2070	12/24V	IP65 70A	330x360x190	1.161,00
2252140	SOLARIX POWER TAROM 2140	12/24V	IP65 140A	330x360x190	1.502,00
2254055	SOLARIX POWER TAROM 4055	48V	IP65 55A	330x360x190	1.324,00
2254110	SOLARIX POWER TAROM 4110	48V	IP65 110A	330x360x190	1.695,00
2254115	SOLARIX POWER TAROM 4140	48V	IP65 140A	330x360x190	1.941,00

4.7 Algorithmics STECA Regulators



		Max. Tension		high-wide-deep (mm)	P.V.P.
2254320	SOLARIX PR2020 (outdoor)	12/24V	IP65 20A	147x122x55	137,00

4.8 Tarom and Power Tarom STECA Regulators Accesories



		Max. Tension		high-wide-deep (mm)	Price
2254920	SHUNT SENSOR DE CORRIENTE PA HS200	48V	IP22 -15 a +50°C	100x60x25	393,00
2254915	REMOTE CONTROL PA15	24V	IP22 -15 a +50°C	87x98x34	158,00
2254910	DATA LOGGER PA TARCOM 01SERIAL			130x80x40	629,00

4.9 Group Load Start Regulators with LCD Screen



		Max. Tension		high-wide-deep (mm)	P.V.P.
2254440	VMS 40A Bitension	12/24V	IP32 40A	105x165x56	157,00
2254441	VMS 10A Bitension (also streetlight mode)	12-24V	IP32 10A	132x65x27	71,00
2254442	VMS 50A Bitension	24/48V	IP32 50A	165x105x56	197,00
2254443	VMS 60A Bitension	12-24V	IP32 60A	165x105x56	197,00
2254445	VMS 30A Bitension	24/48V	IP32 30A	105x165x56	172,00

5. BATTERIES

5.1 Open Vase OPzS SUNLIGHT



			Max. Tension	C100	high-wide-deep (mm)	Price
2284100	OPEN VASE	2OPzS100	2V	185Ah		131,00
2284105	OPEN VASE	3OPzS150	2V	240Ah		153,00
2284110	OPEN VASE	4OPzS200	2V	300Ah		172,00
2284115	OPEN VASE	5OPzS250	2V	370Ah		199,00
2284120	OPEN VASE	6OPzS300	2V	440Ah		230,00
2284125	OPEN VASE	5OPzS350	2V	540Ah		243,00
2284130	OPEN VASE	6OPzS420	2V	645Ah		279,00
2284140	OPEN VASE	7OPzS490	2V	765Ah		313,00
2284145	OPEN VASE	6OPzS600	2V	970Ah		348,00
2284150	OPEN VASE	7OPzS700	2V	1055Ah		454,00
2284155	OPEN VASE	8OPzS800	2V	1295Ah		492,00
2284160	OPEN VASE	9OPzS900	2V	1380Ah		541,00
2284165	OPEN VASE	10OPzS1000	2V	1620Ah		588,00
2284170	OPEN VASE	12OPzS1200	2V	1950Ah		675,00
2284175	OPEN VASE	11OPzS1400	2V	2150Ah		764,00
2284180	OPEN VASE	12OPzS1500	2V	2300Ah		805,00
2284185	OPEN VASE	14OPzS1700	2V	2445Ah		986,00
2284190	OPEN VASE	15OPzS1875	2V	2850Ah		1.035,00
2284195	OPEN VASE	16OPzS2000	2V	3040Ah		1.083,00
2284200	OPEN VASE	20OPzS2500	2V	3765Ah		1.382,00
2284205	OPEN VASE	24OPzS3000	2V	4500Ah		1.617,00

5.2 Open Vase OPzS MIDAC



			Max. Tension	C100	high-wide-deep (mm)	Price
2284300	MIDAC OPEN VASE	2 OPzS100	2V	150Ah		111,00
2284305	MIDAC OPEN VASE	3 OPzS150	2V	225Ah		130,00
2284310	MIDAC OPEN VASE	4 OPzS200	2V	300Ah		146,00
2284315	MIDAC OPEN VASE	5 OPzS250	2V	375Ah		168,00
2284320	MIDAC OPEN VASE	6 OPzS300	2V	450Ah		195,00
2284325	MIDAC OPEN VASE	5 OPzS350	2V	500Ah		205,00
2284330	MIDAC OPEN VASE	6 OPzS420	2V	600Ah		236,00
2284335	MIDAC OPEN VASE	7 OPzS490	2V	700Ah		264,00
2284340	MIDAC OPEN VASE	6 OPzS600	2V	860Ah		293,00
2284345	MIDAC OPEN VASE	7 OPzS700	2V	1000Ah		383,00
2284350	MIDAC OPEN VASE	8 OPzS800	2V	1100Ah		415,00
2284355	MIDAC OPEN VASE	9 OPzS900	2V	1300Ah		456,00
2284360	MIDAC OPEN VASE	10 OPzS1000	2V	1400Ah		495,00
2284365	MIDAC OPEN VASE	11 OPzS1100	2V	1570Ah		545,00
2284370	MIDAC OPEN VASE	12 OPzS1200	2V	1700Ah		568,00
2284375	MIDAC OPEN VASE	12 OPzS1500	2V	2180Ah		677,00
2284380	MIDAC OPEN VASE	13 OPzS1625	2V	2360Ah		745,00
2284385	MIDAC OPEN VASE	14 OPzS1750	2V	2500Ah		830,00
2284390	MIDAC OPEN VASE	15 OPzS1875	2V	2650Ah		871,00
2284395	MIDAC OPEN VASE	16 OPzS2000	2V	2900Ah		911,00
2284396	MIDAC OPEN VASE	20 OPzS2500	2V	3640Ah		1.164,00
2284397	MIDAC OPEN VASE	24 OPzS3000	2V	4360Ah		1.361,00
2284450	MIDAC OPEN VASE	C/100 149Ah 12V 2MSP55	2V	149Ah		90,00
2284455	MIDAC OPEN VASE	C/100 224Ah 12V 3MSP55	2V	224Ah		111,00
2284460	MIDAC OPEN VASE	C/100 299Ah 12V 4MSP55	2V	299Ah		128,00
2284465	MIDAC OPEN VASE	C/100 374Ah 12V 5MSP55	2V	374Ah		150,00
2284470	MIDAC OPEN VASE	C/100 456Ah 12V 4MSP70	2V	456Ah		145,00
2284475	MIDAC OPEN VASE	C/100 570Ah 12V 5MSP70	2V	570Ah		172,00
2284480	MIDAC OPEN VASE	C/100 683Ah 12V 6MSP70	2V	683Ah		196,00
2284485	MIDAC OPEN VASE	C/100 797Ah 12V 7MSP70	2V	797Ah		220,00

5.3 Open Vase OPzS TAB



			Max. Tension	C100	high-wide-deep (mm)	Price
2282990	OPEN VASE	2OPzS100	2V	150Ah		119,00
2282995	OPEN VASE	3OPzS150	2V	225Ah		134,00
2283000	OPEN VASE	4OPzS200	2V	300Ah		149,00
2283005	OPEN VASE	5OPzS250	2V	375Ah		168,00
2283010	OPEN VASE	6OPzS300	2V	450Ah		192,00
2283015	OPEN VASE	5OPzS350	2V	525Ah		207,00
2283020	OPEN VASE	6OPzS420	2V	630Ah		231,00
2283025	OPEN VASE	7OPzS490	2V	735Ah		259,00
2283030	OPEN VASE	6OPzS600	2V	900Ah		307,00
2283035	OPEN VASE	8OPzS800	2V	1200Ah		404,00
2283040	OPEN VASE	10OPzS1000	2V	1500Ah		473,00
2283045	OPEN VASE	12OPzS1200	2V	1800Ah		549,00
2283050	OPEN VASE	12OPzS1500	2V	2250Ah		674,00
2283055	OPEN VASE	16OPzS2000	2V	3000Ah		975,00
2283060	OPEN VASE	20OPzS2500	2V	3750Ah		1.181,00
2283065	OPEN VASE	24OPzS3000	2V	4500Ah		1.336,00

5.4 Open Vase OPzS BAE				Max. Tension	C100	high-wide-deep	Price
	2278200	OPEN VASE	4PVS280	2V	285Ah	105x208x420	To be consulted
	2278250	OPEN VASE	5PVS350	2V	366Ah	126x208x420	To be consulted
	2278330	OPEN VASE	6PVS420	2V	454Ah	147x208x420	To be consulted
	2278350	OPEN VASE	5PVS550	2V	488Ah	126x208x535	To be consulted
	2278420	OPEN VASE	6PVS660	2V	620Ah	147x208x535	To be consulted
	2278490	OPEN VASE	7PVS770	2V	718Ah	168x208x535	To be consulted
	2278600	OPEN VASE	6PVS900	2V	933Ah	147x208x710	To be consulted
	2278800	OPEN VASE	8PVS1200	2V	1300Ah	215x193x710	To be consulted
	2278910	OPEN VASE	10PVS1500	2V	1510Ah	215x235x710	To be consulted
	2278912	OPEN VASE	12PVS1800	2V	1840Ah	215x235x710	To be consulted
	2278915	OPEN VASE	12PVS2280	2V	2250Ah	215x277x855	To be consulted
	2278920	OPEN VASE	16PVS3040	2V	2860Ah	215x400x815	To be consulted
	2278926	OPEN VASE	20PVS3800	2V	3750Ah	215x490x815	To be consulted
2278930	OPEN VASE	24PVS4560	2V	4710Ah	215x580x815	To be consulted	

5.5 Open Monoblock TUDOR Batterie				Max. Tension	C100	high-wide-deep (mm)	Price
	2272250	ENERSOL 250		12V	249Ah	242x518x291	384,00


5.6 Open Monoblock Batterie				Max. Tension	C100	high-wide-deep (mm)	Price
	2272515	PS-110		12V	108Ah	190x175x353	193,00
	2272520	PS-170		12V	168Ah	290x175x348	263,00
	2272525	PS-200		12V	198Ah	223x223x513	274,00
	2272530	PS-250		12V	249Ah	242x291x518	366,00


5.7 Monoblock Hermetic HEYCAR Batterie						high-wide-deep (mm)	Price
	2276605	HC6-5,0	6V	5,0Ah	0,87Kg	70x47x101	7,70
	2276610	HC6-12	6V	12Ah	1,89Kg	151x50x94	13,10
	2277202	HC12-1,3	12V	1,3Ah	0,61Kg	97x43x52	6,00
	2277204	HC12-2,2	12V	2,2Ah	1Kg	178x35x61	8,80
	2277205	HC12-4,5	12V	4,5Ah	1,8Kg	90x70x101	11,80
	2277216	LV 12V-7,2 Ah	12V	7,2 Ah	2,25Kg	151x65x94	15,80
	2277211	HC12-7,5	12V	7,5Ah	2,6Kg	151X65X95	16,60
	2277212	HC12-12	12V	12Ah	4Kg	151x98x95	26,90
	2277217	HC12-18	12V	18Ah	5,7Kg	181x77x167	36,00
	2277226	HC12-26	12V	26Ah	8,9Kg	175x166x125	60,00
	2277235	HP-12-40	12V	40Ah	15,3Kg	197x165x171	97,00
	2277238	HC12-40	12V	40Ah	13,7Kg	197x165x170	96,00
	2277237	HC12-55	12V	55Ah	17Kg	230x138x206	116,00
	2277239	HC12-70	12V	70Ah	23Kg	258x168x208	156,00
	2277240	HC12-90	12V	90Ah	28,9Kg	305x168x208	181,00
	2277243	HC12-100	12V	100Ah	31Kg	330x17x215	188,00
	2277245	HC12-120	12V	120Ah	38Kg	406x174x208	227,00
	2277250	HC12-150	12V	150Ah	43,8Kg	485x172x240	293,00
2277255	HC12-200	12V	200Ah	61Kg	522x238x218	379,00	


5.8 Monoblock Hermetic SONNENSCHN/TUDOR Batterie				Max. Tension	C100	high-wide-deep (mm)	Price
	2276060	SOLAR BLOC 60 GEL		12V	60Ah	190x175x278	166,00
	2276075	SOLAR BLOC 75 GEL		12V	75Ah	236x171x330	213,00
	2276100	SOLAR BLOC 100 GEL		12V	100Ah	223x189x513	297,00
	2276130	SOLAR BLOC 130 GEL		12V	130Ah	223x223x513	362,00
	2276185	SOLAR BLOC 185 GEL		12V	185Ah	238x274x518	465,00
	2276200	SOLAR BLOC 200 GEL		6V	200Ah	275x244x190	243,00
	2276300	SOLAR BLOC 330 GEL		6V	300Ah	359x182x312	383,00


5.9 Vase BAE Gel				Max. Tension	C100	high-wide-deep (mm)	Price
	2279200	BAE VASE GEL C/100 4PVV280		2V	330Ah	105x208x420	212,00
	2279250	BAE VASE GEL C/100 5PVV350		2V	394Ah	126x208x420	247,00
	2279300	BAE VASE GEL C/100 6PVV420		2V	494Ah	147x208x420	284,00
	2279350	BAE VASE GEL C/100 5PVV550		2V	588Ah	126x208x535	300,00
	2279420	BAE VASE GEL C/100 6PVV660		2V	705Ah	147x208x535	343,00
	2279490	BAE VASE GEL C/100 7PVV770		2V	786Ah	168x208x535	390,00
	2279600	BAE VASE GEL C/100 6PVV900		2V	932Ah	147x208x710	434,00
	2279800	BAE VASE GEL C/100 8PVV1200		2V	1190Ah	215x193x710	601,00
	2279910	BAE VASE GEL C/100 10PVV1500		2V	1540Ah	215x235x710	720,00
	2279912	BAE VASE GEL C/100 12PVV1800		2V	1800Ah	215x277x710	839,00
	2279915	BAE VASE GEL C/100 12PVV2280		2V	2210Ah	215x277x855	960,00
	2279920	BAE VASE GEL C/100 16PVV3040		2V	3010Ah	215x400x815	1.283,00
	2279925	BAE VASE GEL C/100 20PVV3800		2V	3790Ah	215x490x815	1.624,00
2279930	BAE VASE GEL C/100 24PVV4560		2V	4620Ah	215x580x815	1.915,00	

5.10 Hermetic Vase SONNENSCHNEI Gel		Max. Tension	C100	high-wide-deep (mm)	Price	
	2279940	HERMETIC VASE GEL 40PzV240	2V	240Ah	105x208x360	173,00
	2279943	HERMETIC VASE GEL 50PzV300	2V	300Ah	126x208x360	196,00
	2279947	HERMETIC VASE GEL 60PzV360	2V	360Ah	147x208x360	228,00
	2279950	HERMETIC VASE GEL 50PzV400	2V	400Ah	126x208x475	242,00
	2279953	HERMETIC VASE GEL 60PzV500	2V	500Ah	147x208x475	282,00
	2279956	HERMETIC VASE GEL 70PzV600	2V	600Ah	168x208x475	320,00
	2279959	HERMETIC VASE GEL 60PzV720	2V	720Ah	147x208x650	355,00
	2279962	HERMETIC VASE GEL 80PzV960	2V	960Ah	215x193x650	479,00
	2279965	HERMETIC VASE GEL 100PzV1200	2V	1200Ah	215x235x650	575,00
	2279968	HERMETIC VASE GEL 120PzV1400	2V	1400Ah	215x277x650	672,00
	2279971	HERMETIC VASE GEL 120PzV1700	2V	1700Ah	215x277x800	769,00
	2279974	HERMETIC VASE GEL 160PzV2300	2V	2300Ah	215x400x775	1.050,00
	2279977	HERMETIC VASE GEL 200PzV2900	2V	2900Ah	215x490x775	1.318,00
	2279980	HERMETIC VASE GEL 240PzV3500	2V	3500Ah	215x580x775	1.520,00

5.11 VISION Freemaintenance Bateries		T. máxima	C100	alto-ancho-fondo (mm)	P.V.P.	
	2277256	SP FREE MAINTENANCE BATTERY	12V	200Ah	522x238x218	425,00
		SP= By Order				

5.12 WAECO/DOMETIC Chargers		Max. Tension		high-wide-deep (mm)	Price	
	2269112	MONOPHASIC IU152A CHARGER	220/12V	15A	175x91x310	233,00
	2269212	MONOPHASIC IU252A CHARGER	220/12V	25A	208x96x418	340,00
	2269224	MONOPHASIC IU154A CHARGER	220/24V	15A	208x96x418	340,00
	2269324	MONOPHASIC IU254A CHARGER	220/24V	25A	208x96x418	567,00
	2269312	MONOPHASIC IU452A CHARGER	220/12V	45A	208x96x418	567,00

5.13 MONPHAFASIC IREPSOL CHARGER		Max. Tension			Price
	2269465	MONOPHASIC POWERGEN CHARGER	12V	30A	440,00
	2269470	MONOPHASIC POWERGEN CHARGER	24V	30A	456,00
	2269475	MONOPHASIC POWERGEN CHARGER	24V	60A	616,00
	2269480	MONOPHASIC POWERGEN CHARGER	48V	60A	1.021,00
	2269485	MONOPHASIC POWERGEN CHARGER	24V	80A	1.095,00
	2269490	MONOPHASIC POWERGEN CHARGER	24V	100A	1.003,00
	2269495	MONOPHASIC POWERGEN CHARGER	48V	100A	1.184,00

5.14 MONOPH. IREPSOL LMS CH. LCD AND GROUP RELAY		Max. Tension			Price	
	2269466	MONOPHASIC LMS CHARGER	12V	30A	500X292X187	462,00
	2269471	MONOPHASIC LMS CHARGER	24V	30A	500X292X187	478,00
	2269474	MONOPHASIC LMS CHARGER	12V	60A	500X292X187	638,00
	2269476	MONOPHASIC LMS CHARGER	24V	60A	500X292X187	638,00
	2269481	MONOPHASIC LMS CHARGER	48V	60A	500X292X187	916,00
	2269489	MONOPHASIC LMS CHARGER	100A	12V	500X292X187	890,00
	2269491	MONOPHASIC LMS CHARGER	24V	100A	500X292X187	1.028,00

Prices to be revised periodically

6. SOLAR TRACKER, STRUCTURES AND HOLDERS

6.1 1 Axel Solar Tracker



		Price
2246121	LORENTZ ETATRACK 1000 TRACKER	1.518,00
2246122	LORENTZ ETATRACK 1500 TRACKER	2.323,00
2246123	LORENTZ ETATRACK 2000 TRACKER	2.734,00
2246124	LORENTZ ETATRACK 2500 TRACKER	3.549,00
2246138	LORENTZ ETATRACK 600 TRACKER	927,00
2246760	ACTUATOR HV36 FOR ETATRACK 1000 & 1500, type 36" TRACKER	293,00

6.2 Roof and Ground Structures (under request)



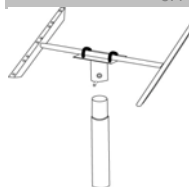
		Price
2247370	KYOCERA 50W STRUCTURE	170,00
2247375	KYOCERA 2x50W STRUCTURE	250,00
2247380	KYOCERA 95W STRUCTURE	168,00
2247385	KYOCERA 2x95W STRUCTURE	245,00
2247390	KYOCERA 140W STRUCTURE	168,00
2247395	KYOCERA 2x140W STRUCTURE	246,00
2246041	CONSOLE 4.1 HOLDER	115,00

6.3 Post Sidelong Panels Structures (under request)



		Price
2246117	CIS WÜRTH 12V 12W STRUCTURE	136,00
2246118	CIS WÜRTH 12V 23W STRUCTURE	136,00
2247350	LATERAL POSTE KYOCERA 50W STRUCTURE	154,00
2247355	LATERAL POST KYOCERA 95W STRUCTURE	150,00
2247360	LATERAL POST KYOCERA 140W STRUCTURE	157,00

6.4 Top Post Panels Structure (under request)



		Price
2247400	KYOCERA 50W TOP POST STRUCTURE	166,00
2247405	KYOCERA 2x50W TOP POST STRUCTURE	181,00
2247410	KYOCERA 95W TOP POST STRUCTURE	156,00
2247415	KYOCERA 2x95W TOP POST STRUCTURE	196,00
2247420	KYOCERA 140W TOP POST STRUCTURE	165,00
2247425	KYOCERA 2x140W TOP POST STRUCTURE	205,00

7. PUMPS

7.1 Circulation SHURFLO Pumps



				Max. Tension		Price
2270403	AIR 21M	684 l/h		12V		99,00
2270443	AIR 30M	642 l/h		12V		112,00
2270514	AIR 30M	660 l/h		12V	Radiador	203,00
2270474	AIR 30M	672 l/h		24V		118,00
2270401	AIR 26M	522 l/h		220V		159,00

7.2 Sumergible COMET Pumps



				Max. Tension		Price
2270400	COMET Pump	480 l/h		12V	5m	13,90

7.3 Low Power Sumergible SHURFLO Pump



				Max. Tension		Price
2270446	9300 Pump	440 l/h		12/24V	70m	804,00

Pumping System SHURFLO controllers

			Max. Tension		Price
2270447	9300 LCBG75 Controller		12/24V	PROBE	432,00
2270448	9300 LCB-GO Controller		24V	WITHOUT PROBE	184,00

7.4 Surface Solar Pumps



			Max. Tension	Pumping High	Price
2296700	PS150 BOOST-60 Pump		12/24V	max. 110m	1.097,00
2296705	PS150 BOOST-125 Pump		12/24V	max. 110m	1.097,00
2296710	PS150 BOOST-240 Pump		12/24V	max. 110m	1.160,00
2296715	PS150 BOOST-330 Pump		12/24V	max. 110m	1.197,00

7.5 Low Power Sumergible LORENTZ Pump (controller, well sensor and cables included)



		Max. Flow (l/h)		Max. Tension	Operation	Pumping High	Price
2292000	PS200 HR-04 Pump	800 l/h		24-48 V CC	solar/batterie	0-50 m	1.610,00
2292001	PS200 HR-07 Pump	1200 l/h		24-48 V CC	solar/batterie	0-30 m	1.610,00
2292002	PS200 HR-14 Pump	2700 l/h		24-48 V CC	solar/batterie	0-20 m	1.610,00

7.6 Medium and High Power Sumergible LORENTZ Pump (controller, well sensor and cables included)



		Max. Flow (l/h)		Max. Tension	Operation	Pumping High	Price
2296000	PS600 HR-03 Pump	500 l/h		48-72 V CC	solar/batterie	0-140 m	1.885,00
2296001	PS600 HR-03H Pump	500 l/h		48-72 V CC	solar/batterie	140-180 m	1.885,00
2296002	PS600 HR-04 Pump	800 l/h		48-72 V CC	solar/batterie	0-80 m	1.885,00
2296003	PS600 HR-04H Pump	800 l/h		48-72 V CC	solar/batterie	80-140 m	1.885,00
2296004	PS600 HR-07 Pump	1200 l/h		48-72 V CC	solar/batterie	40-90 m	1.885,00
2296005	PS600 HR-10 Pump	1900 l/h		48-72 V CC	solar/batterie	30-60 m	1.885,00
2296006	PS600 HR-14 Pump	2700 l/h		48-72 V CC	solar/batterie	0-50 m	1.885,00
2296007	PS600 HR-20 Pump	3600 l/h		48-72 V CC	solar/batterie	0-30 m	1.885,00
2296008	PS600 C-SJ5-8 Pump	7300 l/h		48-72 V CC	solar/batterie	0-10 m	1.747,00
2296009	PS600 C-SJ8-5 Pump	11000 l/h		48-72 V CC	solar/batterie	0-20 m	1.747,00
2291200	PS1200 HR-03 Pump	500 l/h		72-96 V CC	solar/batterie	0-140 m	1.885,00
2291201	PS1200 HR-03H Pump	500 l/h		72-96 V CC	solar/batterie	140-240 m	1.885,00
2291202	PS1200 HR-04 Pump	800 l/h		72-96 V CC	solar/batterie	0-80 m	1.885,00
2291203	PS1200 HR-04H Pump	800 l/h		72-96 V CC	solar/batterie	80-160 m	1.885,00
2291204	PS1200 HR-07 Pump	1200 l/h		72-96 V CC	solar/batterie	40-120 m	1.885,00
2291205	PS1200 HR-10 Pump	1900 l/h		72-96 V CC	solar/batterie	30-80 m	1.885,00
2291206	PS1200 HR-14 Pump	2700 l/h		72-96 V CC	solar/batterie	0-60 m	1.885,00
2291207	PS1200 HR-20 Pump	3600 l/h		72-96 V CC	solar/batterie	0-40 m	1.885,00
2291209	PS1200 C-SJ3-8 Pump	7500 l/h		72-96 V CC	solar/batterie	0-15 m	1.747,00
2291210	B. PS1200 C-SJ8-5	14 m³/hour		72-96 V CC	solar/batterie	0-25 m	1.747,00
2296604	B. PS1800 C-SJ8-7	60 m³/dia		72-96 V CC	solar/batterie	15-30m	1.822,00
2296605	PS1800 C-SJ5-12	Pun 45 m³/dia		72-96 V CC	solar/batterie	40-65 m	1.822,00
2296608	PS1800 C-SJ12-4	Pum 135 m³/dia		72-96 V CC	solar/batterie	5-15 m	1.822,00
2296609	PS4000 C-SJ3-32	Pum 3,3-3,8 m³/h		240 V	solar/batterie	130-170 m	4.219,00
2296610	PS4000 C-SJ5-25	Pum 4,3-6,6 m³/h		240 V	solar/batterie	70-130 m	4.219,00
2296611	PS4000 C-SJ8-15	Pum 6,9-12,2 m³/h		240 V	solar/batterie	30-80 m	4.219,00
2296612	PS4000 C-SJ17-4	Pum 14,0-24,5 m³/h		240 V	solar/batterie	15-50 m	4.219,00
2296613	PS4000 C-SJ30-2	Pum 33-55 m³/h		240 V	solar/batterie	more than 22 m	4.219,00





Sumergible Lorentz Pumps Accesories			P.V.P.
2270840	WATER WELL LEVEL PROBE		43,20
2270841	WATER WELL DEPOSIT PROBE		40,80
2270842	CABLE CONEXION KIT		20,20
2270843	PS200 Pump Controller		408,00
2270844	PS600 Pump Controller		690,00
2270845	PS1200 Pump Controller		690,00
2270846	PS1800 Pump Controller		765,00
2270449	Excentric Membrane for Sumergible Pump		77,00
2270459	Valves Kit for Sumergible Pump 9300		44,10

7.7 Swimming Pools and Sewage Lorentz Pumps				Max. Tension	Operation	Pumping High	P.V.P.
			Max. Flow (l/h)				
2296600	BADU TOP 12 SOLAR	15.000 l/hour Batterie		48-72 V CC	solar/batterie	0-14m	1.436,00



8. AEROGENERATORS

8.1 AIR X Aerogenerators



				Max. Tension		Price
2270583	A. AIR X	REGULATOR		12V	400W	Ø1140mm. 807,00
2270584	A. AIR X	REGULATOR		24V	400W	Ø1140mm. 807,00
2270587	A. AIR X	REGULATOR		48V	400W	Ø1140mm. 807,00


8.2 AIR X AND WHISPER Aerogenerators Accesories




			Price
2270580	AIR-403/X WIND REPLACEMENT (3 BLADES KIT)		227,00
2270581	BLADE CONE LAND AIR-X REPLACEMENT		27,00

9. ACCESORIES: DIRECT CURRENT LIGHTING 12/24V








9.1 Led Lighting with reactance

		Max. Tension			Price	
	2270108	LED LIGHTING + REACTANCE	12V	8W	325x40x71	12,00
	2270119	LED LIGHTING + REACTANCE	12V	18W	620x40x71	13,00
	2270140	LED LIGHTING + REACTANCE	12V	36W	1235x40x71	15,40
	2272108	LED LIGHTING + REACTANCE	24V	8W	325x40x71	12,00
	2272119	LED LIGHTING + REACTANCE	24V	18W	620x40x71	13,00
	2272140	LED LIGHTING + REACTANCE	24V	36W	1235x40x71	15,40

9.2 Low consumption Lamps

		Max. Tension			Price	
	2270105	ENERGY SAVING LIGHT E27 ELECTR. STECA WHITE	12V	5W	123x55	10,60
	2270007	ENERGY SAVING LIGHT E27 ELECTR. STECA WHITE	12V	7W	133x55	10,60
	2270010	ENERGY SAVING LIGHT E27 ELECTR. STECA WHITE	12V	11W	163x55	10,60
	2270024	ENERGY SAVING LIGHT E27 ELECTR. STECA YELLOW	24V	15W	165x45	12,20
	2270017	ENERGY SAVING LIGHT E27 ELECTR. STECA 3500 LM - Daylight	12V	15W	165x45	12,20
	2272142	ENERGY SAVING LIGHT E27	12V	9W		15,70
	2272143	ENERGY SAVING LIGHT E27	12V	12W		15,70
	2272144	ENERGY SAVING LIGHT E27	12V	18W		16,20

9.3 OTHER ACCESORIES

					Price	
	880041	FV INSTALLATIONS MANUAL			To be consulted	
	2246330	GUN FOR MC CONNECTORS			244,00	
	2246327	MC3 (6mm) PV-KBT3/6III-FEMALE CONECTOR			5,50	
	2246328	MC3 (6mm) PV-KBT3/6III-MALE CONECTOR			4,80	
	2246329	MC4 (6mm) PV-KBT4/6III-FEMALE CONECTOR			3,20	
	2246340	ECM4M MALE CONNECTOR			3,00	
	2246345	ECM4H FEMALE CONNECTOR			3,00	
	2246346	MC4 (6mm) PV-KST4/6II-MALE CONECTOR			2,50	
	2246347	ASSEMBLY TOOL MC4 PV-CZM-19100			475,00	
	2246348	ASSEMBLY TOOL MC3 PV-RWZ3			249,00	
	2246336	MC4 WITHOUT CABLE CONNECTORSIN MALE/FEMALE			4,70	
	2246900	DEGER ANEMOMETER KIT			270,00	
	2253012	STECA PANEL CURRENT	E: <30V/S: 3-12V 0-2A	98x89x35	16,40	
	2260049	RADIATION METER MX-100	50-1000W/m ²	100x90x90	429,00	
	2270450	INTERVAL TIMER 15'	12V	80x35x60	62,00	
	2270452	INTERVAL TIMER 15'	24V	80x35x60	63,00	
	2270710	MECANIS ANEMOMETER W10			47,00	
	2271150	STECA FRIDGE PF166	12/24V	166 LITRES	91x87,20x70,90	1.002,00
	2271151	STECA FRIDGE PF240	12/24V	240 LITRES	1288x919x760	1.484,00

9.4 Lamps: Others

					Price	
	2272141	FLUORESCENT LED LIGHTING		10W	17,48	
	2272145	SOCKET APOLLO E17			3,22	
	2270160	PORTABLE SOLAR LAMP 1X3W White		3W	195x125x293	117,00
	2270165	PORTABLE SOLAR LAMP 1X6W White		6W	290x125x293	221,00
	2270170	PORTABLE SOLAR LAMP 1X12W White		12W	510x125x293	404,00
	2272300	DAY LIGHT DIOCRIC LED LAMP 12V		5W		18,70
	2272305	DAY LIGHT DIOCRIC LED LAMP 220V		5W		18,70
	2272310	DAY LIGHT DIOCRIC LED LAMP 12V		7W		29,60
	2272315	DAY LIGHT DIOCRIC LED LAMP 220V		7W		29,60
	2272320	DAY LIGHT DIOCRIC LED LAMP 12V		11W		43,90
	2272325	DAY LIGHT DIOCRIC LED LAMP 220V		11W		43,90
	2273005	DAY LIGHT DIOCRIC LED LAMP. COLD LIGHT 12V		5W		8,60
	2273010	DAY LIGHT DIOCRIC LED LAMP. COLD LIGHT 220V		5W		10,20
	2273015	DAY LIGHT DIOCRIC LED LAMP. COLD LIGHT 12V		7W		11,70
	2273020	DAY LIGHT DIOCRIC LED LAMP. NEUTRAL LIGHT 220V		7W		12,20
	2273023	LED TUBE 60cm (Opaque Lampshade/Neutral Light)		10W		23,70
	2273025	LED TUBE 120cm (Opaque Lampshade) Neutral Light		18W		42,20
	2273026	LED TUBE 120cm (Opaque Lampshade) Cold Light		18W		42,40
	2273027	LED TUBE 120cm (Opaque Lampshade) Neutral Light		16W		39,00
	2273030	LED TUBE 150cm (Transparent Lampshade/Cold Light		25W		59,00
	2273032	LED TUBE 150cm (Transparent Lampshade/Cold Light		25W		59,00
	2273035	LED STRIP 90 cm WITH SWITCH		13W		31,80
	2272350	LED TUBE 60cm (Transparent Lampshade)		11W		42,50
	2272355	LED TUBE 60cm (Opaque Lampshade)		11W		52,00
	2272360	LED TUBE 120cm (Transparent Lampshade)		17W		68,00
	2272365	LED TUBE 120cm (Opaque Lampshade)		17W		82,00
	2272370	LED 150cm (Transparent Lampshade)		22W		101,00
	2272375	LED TUB 150cm (Opaque Lampshade)		22W		119,00
	2272380	LED-E27 LAMP		5W		23,80
	2272385	LED-E27 LAMP		8W		35,20

2273100	SP (100 units)	DOWNLIGHT LED LAMP 100-260V (Round)	1W	11,00
2273105	SP (100 units)	DOWNLIGHT LED LAMP 100-260V (Round)	4W	23,70
2273110	SP (100 units)	DOWNLIGHT LED LAMP 100-260V (Round)	8W	36,70
2273115	SP (100 units)	DOWNLIGHT LED LAMP 100-260V (Round)	11W	54,00
2273120	SP (100 units)	DOWNLIGHT LED LAMP 100-260V (Round)	1W	11,70
2273125	SP (100 units)	DOWNLIGHT LED LAMP 100-260V (Round)	4W	20,00
2273130	SP (100 units)	OPAQUE DOWNLIGHT LED LAMP (Round) 100mm	6W	25,10
2273131		OPAQUE DOWNLIGHT LED LAMP (Round) 100mm	12W	32,60
2273135	SP (100 units)	OPAQUE DOWNLIGHT LED LAMP (Round) 120mm	10W	37,50
2273140	SP (100 units)	OPAQUE DOWNLIGHT LED LAMP (Round) 145mm	12W	44,50
2273147		OPAQUE DOWNLIGHT LED LAMP (Round) 145mm	20W	65,00
2273145	SP (100 units)	OPAQUE DOWNLIGHT LED LAMP (Round) 155mm	14W	45,60
2273150	SP (100 units)	Dicroic-Socket E-27 LED LAMP 220V	5W	11,10
2273155	SP (100 units)	Dicroic-Socket E-27 LED LAMP 220V	9W	28,50
2273160	SP (100 units)	Dicroic-Socket E-27 LED LAMP 220V	15W	39,50
2273165		Bulb-Socket LED LAMP E-27 220V	8W	12,50
2273170		LED PROJECTOR IP54 (Cold Light)	60W	180,00
2273175		LED PROJECTOR IP54 (Cold Light)	100W	275,00
2273180		LED PROJECTOR IP54 (Cold Light)	150W	381,00
2273185		LED PROJECTOR IP54 (Cold Light)	200W	616,00

SP= By Order (minimum 100 units)

10. USEFUL APPLICATIONS

10.1 Solar Energy Scientific Curiosities



					Price
2250315	METAL PLANE DUMMY				72,00
2250817	SOLAR PANEL MOTOR	1V		75x45x6	5,10
2250828	SOLAR PANEL MOTOR KIT	5 years old		BLISTER	4,80
2250723	EDUCATIONAL KIT WITH SOLAR PANEL 4 EXPERIM, FAN, MUSIC AND LIGHT			BLISTER	7,50
2250901	BIG WOOD AEROGENERATOR DUMMY				91,00
2100002	31 EXPERIMENTS EDUCATIONAL KIT	8 years old		PLASTIC	15,20
2100001	150 EXPERIMENTS EDUCATIONAL KIT	10-15 years old, teacher's manual		PLASTIC	19,90
2250881	MILL KIT			PLASTIC	9,30
2250630	HELICOPTER KIT			WOOD	6,90
2250629	AEROPLANE KIT			WOOD	6,90
2261910	FULL EDUCATIONAL BRIEFCASE T102				690,00

10.2 Solar Trainers



					Price
2260182	SOLARTEC-80D CC/CA SOLAR TRAINER	12V/220V		40W	3.046,00

10.3 Miniature Panels



					Price
2210301	MONOCRYSTALLYNE MINIATURE PANEL P.C.*	1V	300mA	65x54x4	3,80
2210315	MONOCRYSTALLYNE MINIATURE PANEL P.C.*	1,5V	300mA	80x85	5,80
2210515	MONOCRYSTALLYNE MINIATURE PANEL P.C.*	1,5V	500mA	120x62x4	8,70

10.4 SP Panels



					Price	
2200060	SP 60	P.C.*	3V	70mA	109x53x6	10,20
2200150	SP 150	P.C.*	3V	160mA	154x68x6	9,40

10.5 SP Panels with Support



					Price	
2210683	PANELS WITH SUPPORT SP 70	0,72 W	9V	70mA	175x90x17	15,80
2210684	PANELS WITH SUPPORT SP 60	1,26W	12V	70mA	175x160x17	24,60
2210685	PANELS WITH SUPPORT SP 150	2,88W	12V	160mA	159x278x17	42,00
2210686	PANELS WITH SUPPORT SP 250	4,5W	12V	250mA	255x187x17	54,00

*P.C.= Printed Circuit

10.6 SM Panels



					Price
2230100	MONOCRYSTALYNE SM150	6/12V 3W	170mA	294x167x19	39,80
2230400	MONOCRYSTALYNE SM500	12V 9W	500mA	386x249x19	92,00
2230750	MONOCRYSTALYNE SM750	12V 13W	750mA	348x386x19	112,00

10.7 Encapsulated Cells



					Price
2200201	ENCAPSULATED CELLS	0,5V	200mA	55x35x6	1,50
2200400	ENCAPSULATED CELLS	0,5V	400mA	75x45x6	2,30
2200800	ENCAPSULATED CELLS	0,5V	800mA	95x65x6	4,00

10.8 Encapsulated Calibrated Cells



					Price
2210020	ENCAPSULATED CALIBRATED CELLS	0,5V	300mA	55x35x6	30,30

10.9 Electric Motors



					Price
2250831	SMALL MOTOR	1V		40xØ20	1,20
2250830	SMALL MOTOR	1V		42xØ23	1,20

10.10 Ingenious Solar Products



					Price
2210080	CHARGER PANEL FOR BATTERIES	3V	80mA	100x70	5,70
2250885	CHARGER PANEL 200 to 33mA MULTIPLUG		200 a 33mA	165x98x20	10,20
2250883	CHARGER/TESTER	1,2V	4x(R6)	145x66x38	8,20
2250699	CHARGER/TESTER	1,2V	6x(R3,R6,R14,R20)	170x120x60	11,80
2210900	MULTIFUNTION CHARGER MOBILE/BATTERY MULTIPLUG	6V	200mA		17,68
2250725	AM / FM RADIO WITH DYNAMO AND TORCH	3V			16,70
2250886	RADIO WITH BIG TORCH			286x140x70	76,19
2250710	TORCH WITH HANDLE			Ø65x160	11,10
2250719	TORCH WITH GRADUABLE LIGHT				8,90
2250888	BIG TORCH			286x140x70	38,00
2250835	ANTIMOSQUITO KEYSRING	3V		60x30x15	4,20
2250860	CAP WITH FAN				9,80
2250890	ROTATING DISPLAY				16,00
2250910	ALARM CLOCK				18,90
2250915	ALARM CLOCK GREY/WHITE				47,40
2250731	GARDEN STREETLIGHT TRIPLE LED	TENUOUS LIGHT	Ni-Mh	125xSOPPORT	11,80

11. FUSE CELLS



2262018	METANOL FAN DUMMY KIT	METANOL	93x100x40	216,00
2261935	ECO FAN DUMMY	H2	140x470x150	298,00
2262010	FAN DUMMY	H2+O2	200x300x150	600,00
2262053	TUTORIAL HIBRID T119 CAR	HIBRID	100x115x260	487,00





12. GENERAL CONDITIONS

The conditions expressed herein apply to products and services supplied by JHROerden within Spain.

o These conditions shall take effect from January 1st 2009 and take precedence over all previous conditions.

1. Prices

o The prices indicated in JHROerden price lists are expressed in Euros (adapting them to other currencies may lead JHROerden to modify the prices) and do not include VAT, shipping costs, insurance or installation.

o If you wish to establish specific commercial conditions, please contact the delegate in your area.

o Only offers made in writing by JHROerden's commercial department shall be considered valid.

o The price offers shall be valid for 30 days.

o **Reservation of ownership.** All goods shall remain the property of JHROerden until they have been completely paid for.

o **JHROerden reserves the right to modify the prices indicated in this price list without prior notification.**

2. Terms of payment

o Terms of payment shall be agreed with JHROerden's commercial department after a calculated risk study of each customer.

3. Transport

o JHROerden delivers its products using its customary transport company. Transport costs shall be paid by the customer.

o Within the Spanish mainland, transport shall be free for orders of more than **1.500€**.

o In the case of batteries (since these are regarded as dangerous items), the transport will be included within the Spanish mainland for orders of more than **1.500€ of Open Vase Batteries and Hermetic Vase Gel Batteries.**

o For orders of **less than 1.500€** and dispatched directly from the warehouse of the Manufacturer, **the cost will be 45€** except for the Heycar Batteries.

o The guarantees do not include transport costs of the goods.

o If your company has a transport contract or agreement with a transport company, please inform us.

o The customer may insure 100% of the value of the goods shipped.

o The place of delivery shall have access and unloading conditions suitable for heavy goods vehicles.

4. Delivery and supply

o All goods shall be properly packed and labelled before shipment. If any **anomalies** are detected in **the packaging**, the shipper shall be notified in writing, with a signature, **within 24 hours** of delivery of the material. Once this time period has expired, JHROerden will not recognise any claims.

o Material shall be reserved by paying 10% of the total value of the order. **If the order is cancelled after more than 30 days, this payment shall be retained, considering it to correspond to cost and damages.**

5. Delivery time

The delivery times indicated by JHROerden are provisional and require confirmation by the manufacturer.

6. Returns

o No goods may be returned more than 15 days after shipment.

o No goods may be returned with transport costs payable by JHROerden unless this has previously been authorised in writing by JHROerden.

o For a returned product to be accepted, the product, the material, the packaging and the manual must be in perfect conditions.

o In the case of internal defects in a product, the return period is 30 days.

7. Guarantees

o Depending on the product, JHROerden offers guarantees up to a maximum of 20/25 years for solar panels (depending on the model and the manufacturer's guarantee) **only** for sales to customers or users of at least 2 years standing (as determined by **Royal Legislative Decree 1/2007, dated the 16th of November, approving the revised text of the General Law for the Defence of Consumers and Users, and other complementary laws**).

o The guarantee excludes damage due to incorrect installation, manipulation or misuse of the equipment, atmospheric conditions, or any other circumstances beyond the control of the manufacturer.

o The guaranty in no case covers removal of the equipment, transport, or any other cost that may be occasioned.

8. Other conditions

o Installation or start-up of equipment supplied by JHROerden shall only be carried out by technicians approved or sub-contracted by JHROerden. Non-compliance with this condition shall exempt JHROerden from all responsibility.

o This contract shall be governed by and interpreted according to applicable Spanish legislation. In case of litigation, the buyer agrees to submit to the Jurisdiction of the Courts and Tribunals of Madrid.

JHROerden reserves the right to change prices and conditions of this price list without notice.

Buyer accepts the above conditions when ordering.



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