

LISTPRICES - January 2012

AJ - Sine wave inverters

| Type | Input Vdc | Power 30' VA | Cont. power VA | Output Vac | Built-in solar regulator A | lxwxh mm | Weight kg | CHF |
|--------------|--|-----------------|-------------------|---------------|-------------------------------|-------------|--------------|----------|
| AJ 275-12 | 12 | 275 | 200 | 230 | | 163x142x84 | 2.4 | 348.00 |
| AJ 275-12 S | 12 | 275 | 200 | 230 | 10 | 163x142x84 | 2.4 | 408.00 |
| AJ 350-24 | 24 | 350 | 300 | 230 | | 163x142x84 | 2.6 | 387.00 |
| AJ 350-24 S | 24 | 350 | 300 | 230 | 10 | 163x142x84 | 2.6 | 447.00 |
| AJ 400-48 | 48 | 400 | 300 | 230 | | 163x142x84 | 2.6 | 425.00 |
| AJ 400-48 S | 48 | 400 | 300 | 230 | 10 | 163x142x84 | 2.6 | 492.00 |
| AJ 500-12 | 12 | 500 | 400 | 230 | | 240x142x84 | 4.5 | 676.00 |
| AJ 500-12 S | 12 | 500 | 400 | 230 | 15 | 240x142x84 | 4.5 | 740.00 |
| AJ 600-24 | 24 | 600 | 500 | 230 | | 240x142x84 | 4.5 | 676.00 |
| AJ 600-24 S | 24 | 600 | 500 | 230 | 15 | 240x142x84 | 4.5 | 740.00 |
| AJ 700-48 | 48 | 700 | 500 | 230 | | 240x142x84 | 4.5 | 744.00 |
| AJ 700-48 S | 48 | 700 | 500 | 230 | 15 | 240x142x84 | 4.5 | 808.00 |
| AJ 1000-12 | 12 | 1000 | 800 | 230 | | 428x142x84 | 8.5 | 1'131.00 |
| AJ 1000-12 S | 12 | 1000 | 800 | 230 | 25 | 428x142x84 | 8.5 | 1'261.00 |
| AJ 1300-24 | 24 | 1300 | 1000 | 230 | | 428x142x84 | 8.5 | 1'131.00 |
| AJ 1300-24 S | 24 | 1300 | 1000 | 230 | 25 | 428x142x84 | 8.5 | 1'261.00 |
| AJ 2100-12 | 12 | 2100 | 2000 | 230 | | 399x273x117 | 19 | 2'266.00 |
| AJ 2100-12 S | 12 | 2100 | 2000 | 230 | 30 | 399x273x117 | 19 | 2'412.00 |
| AJ 2400-24 | 24 | 2400 | 2000 | 230 | | 399x273x117 | 18 | 1'854.00 |
| AJ 2400-24 S | 24 | 2400 | 2000 | 230 | 30 | 399x273x117 | 18 | 2'000.00 |
| JT 8 | Remote control box from 1000-12 to 2400-24 S, incl. 5 m cable | | | | | 58x51.5x22 | 0.045 | 58.00 |
| RCM-01/02/03 | Remote control plug from 275-12 to 700-48 S - factory setting as per requirement | | | | | | | 72.00 |

Compact series - Sine wave inverter-chargers / transfersystem

| Type | Input Vdc | Power 30' VA | Cont. power VA | Output Vac | Charger A | lxwxh mm | Weight kg | CHF |
|-------------|--|-----------------|-------------------|---------------|--------------|----------------|--------------|----------|
| XPC 1400-12 | 12 | 1400 | 1100 | 230 | 0-45 | 410x215x124 | 11.7 | 1'813.00 |
| XPC 2200-24 | 24 | 2200 | 1600 | 230 | 0-37 | 410x215x124 | 12.6 | 1'916.00 |
| XPC 2200-48 | 48 | 2200 | 1600 | 230 | 0-20 | 410x215x124 | 12.6 | 2'019.00 |
| C 1600-12 | 12 | 1600 | 1300 | 230 | 0-55 | 480x215x124 | 16 | 2'526.00 |
| C 2600-24 | 24 | 2600 | 2300 | 230 | 0-55 | 480x215x124 | 17.1 | 2'868.00 |
| C 4000-48 | 48 | 4000 | 3500 | 230 | 0-50 | 670x215x124 | 29.4 | 3'922.00 |
| XPCxxxx S | Optional built-in solar charge controller (XPC 1400-12 S/2200-24 S: 30 A, XPC 2200-48 S: 20 A) | | | | | | | 204.00 |
| Cxxxx S | Optional built-in solar charge controller (C 1600-12 S/2600-24 S: 30 A, C 4000-48 S: 20 A) | | | | | | | 204.00 |
| RCC-01 | Remote control, incl. 20 m cable | | | | | 136.5x111.5x25 | 0.25 | 330.00 |
| CT-35 | Temp. sensor and cable | | | | | 58x51.5x22 | 0.043 | 70.00 |
| CFC-01 | Front cover for AC in/out for XPC and Compact | | | | | 215x99x62 | 0.44 | 89.00 |
| C-IP22 | Top cover IP22 for XPC and Compact | | | | | 230x150x70 | 0.55 | 56.00 |
| ARM-01 | Auxiliary relay module (4 programmable relays) with 5 m cable | | | | | 90x79x45 | 0.13 | 204.00 |

Xtender series - Sine wave inverter-chargers / transfersystem - with Smart-Boost

| Type | Input Vdc | Power 30' VA | Cont. power VA | Output Vac | Charger A | lxwxh mm | Weight kg | CHF |
|------------------|--------------|-----------------|-------------------|---------------|--------------|-------------|--------------|----------|
| XTS 900-12(-01) | 12 | 750 | 500 | 230 | 0-35 | 310x210x110 | 8.2 | 1'360.00 |
| XTS 1200-24(-01) | 24 | 900 | 650 | 230 | 0-25 | 310x210x110 | 9 | 1'460.00 |
| XTS 1400-48(-01) | 48 | 1000 | 750 | 230 | 0-12 | 310x210x110 | 9.3 | 1'480.00 |
| XTM 1500-12(-01) | 12 | 1500 | 1500 | 230 | 0-70 | 322x466x133 | 15 | 2'560.00 |
| XTM 2000-12(-01) | 12 | 2000 | 2000 | 230 | 0-100 | 322x466x133 | 22 | 2'820.00 |
| XTM 2400-24(-01) | 24 | 2400 | 2000 | 230 | 0-55 | 322x466x133 | 16.2 | 2'680.00 |
| XTM 2600-48(-01) | 48 | 2600 | 2000 | 230 | 0-30 | 322x466x133 | 16.2 | 2'760.00 |
| XTH 3000-12(-01) | 12 | 3000 | 2500 | 230 | 0-160 | 500x300x230 | 34 | 4'177.00 |

| | | | | | | | | |
|------------------|----|------|------|-----|-------|-------------|----|----------|
| XTM 3500-24(-01) | 24 | 3500 | 3000 | 230 | 0-90 | 322x466x133 | 25 | 3'320.00 |
| XTM 4000-48(-01) | 48 | 4000 | 3500 | 230 | 0-50 | 322x466x133 | 25 | 3'480.00 |
| XTH 5000-24(-01) | 24 | 5000 | 4500 | 230 | 0-140 | 500x300x230 | 40 | 5'410.00 |
| XTH 6000-48(-01) | 48 | 6000 | 5000 | 230 | 0-100 | 500x300x230 | 42 | 6'151.00 |
| XTH 8000-48 | 48 | 8000 | 7000 | 230 | 0-120 | 500x300x230 | 46 | 7'687.00 |

(-01) version 120Vac/60Hz

Accessories for Xtenders systems

| | | | | |
|-----------|---|--------------|----|----------|
| X-Connect | Mounting system for 3 XTH units | 981x917x29 | 27 | 2'400.00 |
| RCC-02 | Remote control and programming centre + 2 m cable for wall mounting | 170x168x43.5 | | 330.00 |
| RCC-03 | Remote control and programming centre + 2 m cable for panel mounting | 130x120x42.2 | | 370.00 |
| Xcom-232i | Isolated RS232 communication module with 2 m cable | 110.5x75x26 | | 226.00 |
| RCM-10 | Remote command module for XTS/XTM with 5 m cable | 78x45x37 | | 35.00 |
| ECF-01 | IP 54 cooling fan module for XTS | 60x210x110 | | 98.00 |
| TCM-01 | Communication and real time clock module for XTS (internal mounting) | | | 110.00 |
| ARM-02 | Auxiliary relay module for XTS (2 programmable relays) with 5 m cable | 45x73x45 | | 52.00 |
| Xcom-MS | Communication bridge to charger MPPT Tristar with 2 m cable | 110.5x75x26 | | 330.00 |
| BTS-01 | Battery temperature sensor with 5 m cable | 58x51.5x22 | | 69.00 |
| BSP 500 | Battery status processor with 500A shunt & 5 m cable | 110.5x75x26 | | 359.00 |
| BSP 1200 | Battery status processor with 1200A shunt & 5 m cable | 110.5x75x26 | | 389.00 |

Cables RJ45

| | | | | |
|-----------------|---|--|--|-------|
| CAB-RJ45-8-2 | Cable type RJ45 8 pins - 2 m - for parallelization and 3-phase implementation | | | 14.00 |
| CAB-RJ45-8-5 | Cable type RJ45 8 pins - 5 m - for RCC-01 / RCC-02 / RCC-03 ...etc | | | 26.00 |
| CAB-RJ45-8-20 | Cable type RJ45 8 pins - 20 m - for RCC-01 / RCC-02 / RCC-03 ...etc | | | 46.00 |
| CAB-RJ45-8-50 | Cable type RJ45 8 pins - 50 m - for RCC-01 / RCC-02 / RCC-03 ...etc | | | 98.00 |
| CAB-RJ45-8-... | Cable type RJ45 8 pins - per m - for RCC-01 / RCC-02 / RCC-03 ...etc | | | 3.60 |
| RACC-RJ45-8-F/F | Connector Female/Female for 8 pins RJ45 cable (for RCC-01 / RCC-02 / RCC-03) | | | 8.00 |
| RACC-RJ45-6-F/F | Connector Female/Female for 6 pins RJ45 cable (for CT-35 / RPS-01 / BTS-01) | | | 8.00 |
| Y-RJ45-8 | Y connector for 8 pins cable | | | 26.00 |
| Y-RJ45-6 | Y connector for 6 pins cable (for CT-35 / RPS-01 / BTS-01) | | | 26.00 |

Solsafe Box for anti-blackout system

| | | | | |
|-------------|---|-------------|-------|----------|
| S-BOX-25C | Solsafe Box for Compact series (ARM-01 included) | 397x395x200 | 11.05 | 3'615.00 |
| S-BOX-25X | Solsafe Box for Xtender series | 397x395x200 | 11.05 | 3'615.00 |
| S-BOX-25C-E | Solsafe Box with ENS-26 included for systems with Compact | 397x395x200 | 11.05 | 4'608.00 |
| S-BOX-25X-E | Solsafe Box with ENS-26 included for systems with Xtender | 397x395x200 | 11.05 | 4'608.00 |

SI - Sine wave inverters

| Type | Input Vdc | Pcont VA | Surge power VA | Output Vac | lxwxh mm | Weight kg | CHF |
|-----------|---|-------------|-------------------|---------------|-------------|--------------|----------|
| SI 612 | 12 | 600 | 2100 | 230 | 206x215x124 | 6.9 | 1'650.00 |
| SI 624 | 24 | 600 | 2100 | 230 | 206x215x124 | 6.9 | 1'650.00 |
| SI 648 | 48 | 600 | 2100 | 230 | 206x215x124 | 6.9 | 1'650.00 |
| SI 812 | 12 | 800 | 2800 | 230 | 276x215x124 | 10.4 | 1'967.00 |
| SI 824 | 24 | 800 | 2800 | 230 | 276x215x124 | 10.4 | 1'967.00 |
| SI 1212 | 12 | 1200 | 4200 | 230 | 391x215x124 | 13.2 | 2'488.00 |
| SI 1224 | 24 | 1200 | 4200 | 230 | 391x215x124 | 13.2 | 2'488.00 |
| SI 1248 | 48 | 1200 | 4200 | 230 | 391x215x124 | 13.2 | 2'488.00 |
| SI 1624 | 24 | 1600 | 5600 | 230 | 391x215x124 | 15.2 | 2'730.00 |
| SI 2324 | 24 | 2300 | 8000 | 230 | 591x215x124 | 27 | 3'160.00 |
| SI 2348 | 48 | 2300 | 8000 | 230 | 591x215x124 | 27 | 3'160.00 |
| SI 3324 | 24 | 3300 | 11000 | 230 | 636x215x124 | 30 | 3'667.00 |
| SI 3548 | 48 | 3500 | 12000 | 230 | 791x215x124 | 38 | 4'110.00 |
| SIxxxxA | Potential free alarm contact 60 V / 0.5 Amp. | | | | | | 105.00 |
| SIxxxxTP | Twin power system, from SI 1200 | | | | | | 377.00 |
| SIxxxxPE | 3-phase system (per unit), from SI 1200 | | | | | | 558.00 |
| SI-IP22 | Top cover IP22 for all models from SI 1200 | | | | | | 56.00 |
| SIxxxxIND | Industrial casing in 19" rack - 3U x 400 mm, from SI 1200 (incl. SIxxxxA) | | | | | | 1'648.00 |

Battery cables

Battery cables as per requirement, 10-95 mm², with terminals

| Battery monitoring | | CHF |
|---------------------------|--|--------|
| SBM-02 | Battery monitor for 12 and 24 V batteries with shunt 500 A/50 mV | 318.00 |
| SBM-PS-02 | Voltage pre-scaler to use the SBM-02 with input voltage 27-175 Vdc | 113.00 |
| SBM-CAB-20 | Connection kit 20 m | 103.00 |
| SBM-COM | Communication kit RS232 with software | 175.00 |
| SBM-COM-USB | Communication kit USB with software | 175.00 |
| SBM-TEMP-20 | Temperature kit with 20 m cable | 58.00 |
| SH-1200-50 | Shunt 1200 Amp/50 mV | 54.00 |

MBC - Battery chargers, switch-mode, 3-step, IP65

| Type | Input Vac | Battery voltage | Output A | Outputs | CHF |
|------------------|-----------|-----------------|----------|---------|--------|
| MBC 12-06/1 IP65 | 100-260 | 12 | 6 | 1 | 209.00 |
| MBC 12-15/1 IP65 | 100-260 | 12 | 15 | 1 | 316.00 |
| MBC 24-03/1 IP65 | 100-260 | 24 | 3 | 1 | 209.00 |
| MBC 24-08/1 IP65 | 100-260 | 24 | 8 | 1 | 316.00 |
| MBC 24-32/1 IP65 | 100-260 | 24 | 32 | 1 | 809.00 |

MDCI - Dc/dc converters, standard, switch-mode, isolated

| Type | Input variants* | Output variants | Power W | CHF |
|----------------------|-----------------|-----------------|---------|--------|
| MDCI 100 | A-B-C-D | 12.5 or 24 | 100 | 127.00 |
| MDCI 200 | A-B-C-D | 12.5 or 24 | 200 | 159.00 |
| MDCI 360 | A-B-C-D | 12.5 or 24 | 360 | 311.00 |
| MDCI 360 A24 Charger | A | 24 | 300 | 311.00 |

* A = 9-18 Vdc B = 20-35 Vdc C = 30-60 Vdc D = 60-120 Vdc (ex. MDCI 200D24)

MDC - Dc/dc converters, standard, switch-mode, non isolated

| Type | Input Vdc | Output Vdc | Current A | Isolated | CHF |
|-------------|-----------|------------|-----------|----------|--------|
| MDC 1224-7 | 9-18 | 24 | 7 | NO | 97.00 |
| MDC 2412-5 | 18-35 | 13.2 | 5 | NO | 47.00 |
| MDC 2412-8 | 18-35 | 13.2 | 8 | NO | 63.00 |
| MDC 2412-12 | 20-35 | 13.2 | 12 | NO | 74.00 |
| MDC 2412-20 | 20-35 | 13.8 | 20 | NO | 95.00 |
| MDC 2412-30 | 20-35 | 13.8 | 30 | NO | 147.00 |

MBI - MOSFET batteries splitters, heavy-duty, voltage drop free

| Type | Input Vdc | Input(s) | Current A | Battery banks | CHF |
|-------------|-----------|----------|-----------|---------------|--------|
| MBI 100/2 | 12-24 | 1 | 100 | 2 | 134.00 |
| MBI 150/2 | 12-24 | 1 | 150 | 2 | 148.00 |
| MBI 100/3 | 12-24 | 1 | 100 | 3 | 171.00 |
| MBI 150/3 | 12-24 | 1 | 150 | 3 | 177.00 |
| MBI 200/3 | 12-24 | 1 | 200 | 3 | 289.00 |
| MBI 2-100/3 | 12-24 | 2 | 100 | 3 | 225.00 |

MBR - Battery separators, microprocessor controlled

| Type | Input Vdc | Current A | Batt. banks | Relay on Vdc | Relay off Vdc | CHF |
|---------------|-----------|-----------|-------------|--------------|---------------|--------|
| MBR 12/24-100 | 12/24 | 100 | 2 | 13.2/26.4 | 12.8/25.6 | 64.00 |
| MBR 12/24-160 | 12/24 | 160 | 2 | 13.2/26.4 | 12.8/25.6 | 136.00 |
| MBR 12/24-500 | 12/24 | 500 | 2 | 13.2/26.4 | 11.8/23.6 | 305.00 |

MBW - Battery watch with DIP switches

| Type | Current A | Voltage V | CHF |
|---------|-----------|-----------|--------|
| MBW 40 | 40 | 6-35 | 94.00 |
| MBW 60 | 60 | 6-35 | 122.00 |
| MBW 200 | 200 | 8-31 | 182.00 |

Shipment : Ex-works Studer Innotec Switzerland
Currency : All goods will be invoiced in Swiss Franc unless otherwise agreed
Prices : All prices are without VAT
Invoices : Invoices are paid in advance, unless otherwise agreed

Above specifications are subject to change without notice.

For special requirements, 19-inch, 120 Vac versions, etc. please contact us.