

COMPACT XPC



| Model | XPC 1400-12 | XPC 2200-24 | XPC 2200-48 |
|--|---|--|-----------------|
| Inverter | | | |
| Nominal battery voltage | 12 Vdc | 24 Vdc | 48 Vdc |
| Input voltage range | 9.5 - 16 Vdc | 19 - 32 Vdc | 38 - 64 Vdc |
| Continuous power @ 25°C | 1100 VA | 1600 VA | 1600 VA |
| Power 30 min. @ 25°C | 1400 VA | 2200 VA | 2200 VA |
| Power 5 sec. @ 25°C | | 3 x Pnom | |
| Maximum power | | Up to short-circuit | |
| Asymmetric load | | Up to Pcont. | |
| Stand-by adjustment | | 1 to 25 W | |
| Cos φ | | 0.1 - 1 | |
| Maximum efficiency | 94 % | 95 % | |
| Consumption OFF/Stand-by/ON | 0.5 / 0.6 / 4 W | 0.8 / 0.9 / 7 W | 1.2 / 1.3 / 7 W |
| Output voltage | Sine wave 230 Vac (± 5 %) (XPC also available in 120 Vac) | | |
| Output frequency | 50 Hz ± 0.05 % (crystal controlled) | | |
| Total harmonic distortion | < 2 % | | |
| Overload and short-circuit protection | Automatic disconnection with 3 time restart attempt | | |
| Overheat protection | Acoustic warning before shut-off - with automatic restart | | |
| Battery charger (4 STEP) I-U-Uo-Equalize (every 25 cycles) | | | |
| Charging current adjustable | 0 - 45 Adc | 0 - 37 Adc | 0 - 20 Adc |
| Input current balance adjustment | | Not available | |
| Maximum input voltage | | 265 Vac | |
| Input AC voltage range | Adjustable threshold from 150 to 230 Vac (XPC also available in 120Vac) | | |
| Input frequency | | 45 - 65 Hz | |
| Power Factor Correction (PFC) | | EN 61000-3-2 | |
| Battery control (thresholds and times adjustable by the user) | | | |
| Absorption time | | 0-4 h | |
| End charge cycle voltage* | 14.4 Vdc | 28.8 Vdc | 57.6 Vdc |
| Floating voltage* | 13.6 Vdc | 27.2 Vdc | 54.4 Vdc |
| Equalization time* | | 0-4 h | |
| Equalization voltage* | 15.6 Vdc | 31.2 Vdc | 62.4 Vdc |
| Deep-discharge protection* | 10.8 Vdc | 21.6 Vdc | 43.2 Vdc |
| Temperature compensation (optional CT-35) | | -3mV / ° C / Cell | |
| General data | | | |
| Multifunction contact programmable | | 16 A - 250 Vac (potential free 3 points) | |
| Max. current on transfer relay | | 16 Aac | |
| Transfer time | | < 40 ms | |
| Weight | 11.7 kg | | 12.6 kg |
| Dimensions h/w/l [mm] | | 124 / 215 / 410 | |
| Protection index | | IP20 (IP22 with top cover C-IP22) | |
| Certification ECE-R 10 (E24) | • | • | Not available |
| EU declaration of conformity | | Low Voltage Directive (LVD) 2014/35/EU: - EN 50178:1997 Electromagnetic Compliance (EMC) Directive 2014/30/EU: - EN 62040-2:2006, - EN 61000-3-2:2014 | |
| Operating temperature range | | -20°C to +55°C | |
| Relative humidity in operation | | 95 % without condensation | |
| Ventilation | | From 45°C | |
| Accoustic level | | <40 dB / <45 dB (without/with ventilation) | |
| Warranty | | 5 years | |
| ISO Certification | | 9001:2008 / 14001:2004 | |
| Option solar charger (4 stages) | | | |
| Maximum PV open circuit voltage (V) | 25 Vdc | 45 Vdc | 90 Vdc |
| Maximum charge current (A) | 30 Adc | 30 Adc | 20 Adc |
| Charging curve | | I-U-Uo-Equalize (every 25 cycles) | |
| Accessories | | | |
| RCC-01 Remote control | | • | |
| CT-35 Temperature sensor | | • | |
| ARM-01 Auxiliary relay module | | • | |
| CFC-01 Cover | | • | |
| C-IP22 Cover | | • | |

* Factory settings

Data may change without any notice