

# Technical Specifications

| MODEL                                 | AXPERT MAX II 8000                                                  | AXPERT MAX II 11000 |
|---------------------------------------|---------------------------------------------------------------------|---------------------|
| Rated Power                           | 8000VA/8000W                                                        | 11000VA/11000W      |
| Parallel Capability                   | YES, 6 UNITES                                                       |                     |
| INPUT                                 |                                                                     |                     |
| Voltage                               | 230VAC                                                              |                     |
| Selectable Voltage Range              | 170-280VAC(for personal computers)<br>90-280VAC(for home computers) |                     |
| Frequency Range                       | 50Hz/60Hz (Auto sensing)                                            |                     |
| OUTPUT                                |                                                                     |                     |
| AC Voltage Regulation (Batt.Mode)     | 230VAC±5%                                                           |                     |
| Surge Power                           | 16000VA                                                             | 22000VA             |
| Efficiency (Peak)                     | 93%                                                                 |                     |
| Transfer Time                         | 15ms (for personal computers) 20ms (for home computers)             |                     |
| Wave Form                             | Pure Sine Wave                                                      |                     |
| No Load Power Consumption             | <70W                                                                | < 75W               |
| DC Voltage                            | 12 VDC ± 5%, 100W                                                   |                     |
| BATTERY & AC CHARGER                  |                                                                     |                     |
| Battery Voltage                       | 48VDC                                                               |                     |
| Floating Charge Voltage               | 54VDC                                                               |                     |
| Overcharge Protection                 | 66VDC                                                               |                     |
| SOLAR CHARGER                         |                                                                     |                     |
| MAX.PV Array Power                    | 8000W (4000W*2)                                                     | 11000W (5500W*2)    |
| MPPT Range @ Operating Voltage        | 90-450 VDC                                                          |                     |
| Maximum PV Array Open Circuit Voltage | 500VDC                                                              |                     |
| Maximum PV Input Current              | 27A x2(MAX 40A)                                                     |                     |
| Maximum AC Charging Current           | 120A                                                                |                     |
| Maximum Charging Current              | 150A                                                                |                     |
| Solar Charger Type                    | MPPT                                                                |                     |
| PHYSICAL                              |                                                                     |                     |
| Dimension.D*W*H(mm)                   | 158.4*502.5*530.8                                                   |                     |
| Net Weight (kgs)                      | 20 kg                                                               |                     |
| Communication Interface               | USB/RS232/RS485/Wi-Fi/Dry-Contact                                   |                     |
| OPERATING ENVIRONMENT                 |                                                                     |                     |
| Humidity                              | 5% to 95% Relative Humidity(Non-Condensing)                         |                     |
| Operating Temperature                 | -10°C to 50°C                                                       |                     |
| Storage Temperature                   | -15°C to 60°C                                                       |                     |
| STANDARD                              |                                                                     |                     |
| Compliance Safety                     | CE                                                                  |                     |