

## Axpert inverter MEX 1.5K-12V

|                                       |  |
|---------------------------------------|--|
| <b>Model</b>                          | Axpert MEX 1.5K-12   |
| <b>RATED POWER</b>                    | 1500VA/1200W   |
| <b>INPUT</b>                          |  |
| Voltage                               | 230 VAC  |
| Selectable Voltage Range              | 170-280 VAC (For Personal Computers) ;<br>90-280 VAC (For Home Appliances) |
| Frequency Range                       | 50 Hz/60 Hz (Auto sensing)   |
| <b>OUTPUT</b>                         |  |
| AC Voltage Regulation (Batt. Mode)    | 230VAC $\pm$ 5%  |
| Surge Power                           | 3000VA   |
| Efficiency (Peak)                     | 90% ~ 93%  |
| Transfer Time                         | 10 ms (For Personal Computers) ; 20 ms<br>(For Home Appliances)            |
| Waveform                              | Pure sine wave   |
| <b>BATTERY</b>                        |  |
| Battery Voltage                       | 12 VDC   |
| Floating Charge Voltage               | 13.5 VDC   |
| Overcharge Protection                 | 16 VDC   |
| <b>SOLAR CHARGER &amp; AC CHARGER</b> |  |
| Maximum PV Array Power                | 500W   |
| MPPT Range @ Operating Voltage        | 15 VDC ~ 80 VDC  |
| Maximum PV Array Open Circuit Voltage | 100 VDC  |
| Maximum Solar Charge Current          | 40 A   |
| Maximum AC Charge Current             | 60 A   |
| Maximum Charge Current                | 100 A  |
| Maximum Efficiency                    | 98%  |
| <b>PHYSICAL</b>                       |  |
| Dimension, D x W x H (mm)             | 100 x 272 x 355  |
| Net Weight (kgs)                      | 7.0  |
| <b>OPERATING ENVIRONMENT</b>          |  |
| Humidity                              | 5% to 95% Relative Humidity(Non-<br>condensing)                            |
| Operating Temperature                 | -20°C - 55°C   |
| Storage Temperature                   | -30°C - 60°C   |