

SOL-I-AX-3VP

Mecer Axpert V 3kW Pure Sine Wave Inverter with 1200W PWM controller

Product Overview

Mecer Axpert V 3kW Pure Sine Wave Inverter with 1200W PWM controller, Configurable AC/Solar Input priority via LCD setting, PWM Solar charger Type, 1200W Maximum PV Array power, 80 VDC Maximum PV Array open Circuit voltage, USB & RS-232 communication Port, 24 VDC battery voltage, 10ms transfer time



Specifications

Overview:

Axpert V 1K/2K/3KVA/5KVA Cost-effective solar inverter

This is a multi-functional inverter/charger, combining functions of inverter, solar charger and battery charger to offer uninterruptible power support in portable size. Its comprehensive LCD display offers user-configurable and easy-accessible button operation such as battery charging current, AC/solar charger priority, and acceptable input voltage based on different applications.

Features:

- Pure sine wave solar inverter
- Output power factor 1
- Selectable high power charging current
- Wide DC input range
- Selectable input voltage range for home appliances and personal computers
- Configurable AC/Solar input priority via LCD setting
- Compatible with mains voltage or generator power
- Auto restart while AC is recovering
- Overload and short circuit protection
- Smart battery charger design for optimized battery performance
- Cold start function
- Optional anti-dust kit

Specifications:

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Product Specification Sheet

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Specifications

Product Code	SOL-I-AX-3VP
MODEL	Axpert VP3000-24
Rated Power	3000 VA / 3000 W
INPUT	
Voltage	230 VAC
Selectable Voltage Range	170-280 VAC (For Personal Computers), 90-280 VAC (For Home Appliances)
Frequency Range	60/50 Hz (Auto sensing)
OUTPUT	
AC Voltage Regulation (Batt. Mode)	230 VAC +/- 5%
Surge Power	6000 VA
Efficiency (Peak)	90%~93%
Transfer Time	10 ms (For Personal Computers), 20 ms (For Home Appliances)
Waveform	Pure Sine Wave
BATTERY	
Battery Voltage	24 VDC
Floating Charge Voltage	27 VDC
Overcharge Protection	33 VDC
SOLAR CHARGER & AC CHARGER	
Solar Charger Type	PWM
Maximum PV Array Open Circuit Voltage	80 VDC
Maximum PV Array Power	1200W
MPPT Range @ Operating Voltage	N/A
Maximum Solar Charge Current	50A
Maximum AC Charge Current	25A
Maximum Charging Current	70A
PHYSICAL	
Dimension, D X W X H (mm)	100 x 285 x 334
Net Weight (kgs)	6.3
Communication Port	USB, RS-232
OPERATING ENVIRONMENT	
Operating Humidity	5% to 95% Relative Humidity(Non-condensing)
Operating Temperature	-10 degreesC to 50 degreesC

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Product Specification Sheet

Storage Temperature	-15 degreesC to 60 degreesC
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Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page: <https://www.comx.co.za/SOL-I-AX-3VP-Mecer-Axpert-V-3kW-Pure-Sine-Wave-Inverter-Buy-p-266543.php>

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