

# MCE AXPERT MAX-E 11KW - 48V OFF-GRID INVERTER

## MAX-E OFF-GRID INVERTER

### MAX-E-11KW

- Customizable Status with RGB Lights
- Built-In Wi-Fi For Mobile Monitoring (App is Available)
- Supports USB On-The-Go Function
- Reserved Communication Port For BMS
- Replaceable Fan Design For Ease Of Maintenance
- Battery Independent Design
- Configurable AC/PV Output Usage Timer & Prioritization
- Selectable High Power Charging Current
- Selectable Input Voltage Range For Home Appliances & Personal Computers
- Compatible To Utility Mains Or Generator Input
- Built-In Anti-Dust Kit
- Built-In Parallel Board
- Parallel Operation Up to 6 Units
- Dual Outputs Selected As Either Programmable Output Or Generator Input

MODEL	MAX-E-11KW
Rated Power	11000VA/11000W
Parallel Capability	YES, 6 units
<b>INPUT</b>	
Voltage	230 VAC
Selectable Voltage Range	170-280 VAC (For Computers) 90-280 VAC (For Home Appliances)
Frequency Range	50 Hz/60 Hz (Auto sensing)
<b>OUTPUT</b>	
AC Voltage Regulation (Batt. Mode)	230VAC ± 5%
Surge Power	22000VA
Efficiency (Peak)	93%
Transfer Time	10 ms (For Personal Computers), 20 ms (For Home Appliances)
Waveform	Pure sine wave
No Load Power Consumption	<70W
<b>BATTERY</b>	
Battery Voltage	48 VDC
Floating Charge Voltage	54 VDC
Overcharge Protection	63 VDC
<b>SOLAR CHARGER &amp; AC CHARGER</b>	
Solar Charger Type	MPPT
Maximum PV Array Power	11000W
MPPT Range @ Operating Voltage	90 – 450 VDC
Maximum PV Array Open Circuit Voltage	500 VDC
Maximum Solar Charge Current	150A
Maximum AC Charge Current	150A
Maximum Input Current	18A x 2
Maximum Charge Current	150A
<b>PHYSICAL</b>	
Dimension, D x W x H (mm)	147.4 x 432.5 x 553.6
Net Weight (kgs)	18.4
Communication Interface	USB/RS232/RS485/WiFi/Dry-contact
<b>OPERATING ENVIRONMENT</b>	
Humidity	5% to 95% Relative Humidity(Non-condensing)
Operating Temperature	-10°C to 50°C
Storage Temperature	-15°C to 60°C
<b>STANDARD</b>	
Compliance Safety	CE

