



## RCT-AXPERT MX2 11K48V

- Status indication with RGB lights.
- Built-in wi-fi for mobile monitoring (Android / iOS App is available).
- Supports USB On-the-Go function.
- Reserved communication port for BMS (RS485, CAN-BUS or RS232).
- Replaceable fan design for ease of maintenance.
- Battery independent design.
- Configurable AC / PV output usage timer and prioritization.
- Selectable high power charging current.
- Selectable input voltage range for home appliances and personal computers.
- Compatible to utility mains or generator input.
- Built-in anti-dust kit.
- Built-in DC output for DC fan, LED bulb, router and so on.
- Parallel operation with 6 units.

**RATED POWER**

**11000VA / 11000W**

**PARALLEL CAPABILITY**

**Yes, 6 Units**

**INPUT**

**VOLTAGE:**  
230 VAC

**SELECTABLE VOLTAGE RANGE:**  
170-280 VAC (For Computers),  
90-280 VAC (For Home Appliances)





## OUTPUT

**AC VOLTAGE REGULATION (BATT. MODE):**  
230 VAC  $\pm$  5%

**SURGE POWER:**  
22000 VA

**EFFICIENCY (PEAK):**  
93%

**TRANSFER TIME:**  
15ms (For Personal Computers)  
20ms (For Home Appliances)

**WAVEFORM:**  
Pure sine wave

**NO LOAD POWER CONSUMPTION:**  
< 70W

**DC VOLTAGE:**  
12 VDC  $\pm$  5%, 100W

## BATTERY

**BATTERY VOLTAGE:**  
48 VDC

**FLOATING CHARGE VOLTAGE:**  
54 VDC

**OVERCHARGE PROTECTION:**  
63 VDC

## SOLAR CHARGER & AC CHARGER

**MAXIMUM PV ARRAY POWER:**  
11000 W (5500 W x 2)

**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 CHARGE CURRENT:**  
150A

**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

Please Note: Product specifications are subject to change without further notice.

**PRODUCT DIMENSIONS:** 158.4 mm x 503.6 mm x 530.8 mm

**20 KGS**  
Product Weight

**RCT**

[WWW.RCTZONE.CO.ZA](http://WWW.RCTZONE.CO.ZA)