

## RCT-AXPERT MX2 8K48V

RCT Axpert Maximum II 8kVA / 8kW Pure Sine Wave Inverter - 48V DC - 8KW Solar

### Product Overview

RCT RCT-AXPERT MX2 8K48V Axpert Maximum II 8kVA / 8kW Pure Sine Wave Inverter, 8000 VA / 8000 W rated power, 16000 VA surge power, 0.93 efficiency (Peak), 15 ms transfer time, 48 VDC battery voltage, Batteries not included, Battery not required to operate, 8000W Maximum PV Array power with Dual MPPT, 500 VDC Maximum PV Array open Circuit voltage, 6 units parallel capability



### Specifications

#### Overview:

#### Axpert MAX II - Customizable status LED ring with RGB lights

The powerful Axpert MAX II is equipped with a 150A MPPT solar charger, a newly upgraded 5-inch color LCD and touchable button. It can also access data and record it in the inverter to facilitate tracking of the inverters operating status.

#### Features:

- Customizable status LED ring with RGB lights
- Touchable button with large 5 colored LCD
- Built-in Wi-Fi for mobile monitoring (Android/iOS App is available)
- Supports USB On-the-Go function
- Datalog events stored in the inverter
- 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
- 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

#### Specifications:

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### Product Specification Sheet

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#### Specifications

|                     |                      |
|---------------------|----------------------|
| Product Code        | RCT-AXPERT MX2 8K48V |
| MODEL               | Axpert MAX II 8000   |
| Rated Power         | 8000 VA / 8000 W     |
| Parallel Capability | Yes, 6 units         |

#### INPUT

|                 |                                                                      |
|-----------------|----------------------------------------------------------------------|
| Voltage         | 230 VAC                                                              |
| Voltage Range   | 170-280 VAC (For Personal Computers) 90-280 VAC (For Home Appliance) |
| Frequency Range | 50/60 Hz (Auto sensing)                                              |

#### OUTPUT

|                           |                                                             |
|---------------------------|-------------------------------------------------------------|
| AC Voltage Regulation     | 230 VAC +/- 5%                                              |
| Surge Power               | 16000 VA                                                    |
| Efficiency (Peak)         | 0.93                                                        |
| Transfer Time             | 15 ms (For Personal Computers), 20 ms (For Home Appliances) |
| Waveform                  | Pure Sine Wave                                              |
| No Load Power Consumption | < 75W                                                       |
| DC Voltage (Optional)     | 12 VDC +/- 5%, 100W                                         |

#### BATTERY

|                         |        |
|-------------------------|--------|
| Battery Voltage         | 48 VDC |
| Floating Charge Voltage | 54 VDC |
| Overcharge Protection   | 66 VDC |

#### SOLAR CHARGER & AC CHARGER

|                                       |                   |
|---------------------------------------|-------------------|
| Solar Charger type                    | MPPT              |
| Maximum PV Array Open Circuit Voltage | 500 VDC           |
| Maximum PV Array Power                | 8000W (4000W x 2) |
| MPPT Range @ Operating Voltage        | 90~450 VDC        |
| Maximum Solar Charge Current          | 150A              |
| Maximum AC Charge Current             | 120A              |
| Maximum Charging Current              | 150A              |

#### PHYSICAL

|                           |                                  |
|---------------------------|----------------------------------|
| Dimension, D X W X H (mm) | 158.4 x 502.5 x 530.8            |
| Net Weight (kgs)          | 20                               |
| Communication Port        | USB/RS232/RS485/Wifi/Dry-contact |

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## ComX Computers

### Product Specification Sheet

| OPERATING ENVIRONMENT |                                             |
|-----------------------|---------------------------------------------|
| Operating Humidity    | 5% to 95% Relative Humidity(Non-condensing) |
| Operating Temperature | -10 degreesC to 50 degreesC                 |
| Storage Temperature   | -15 degreesC to 60 degreesC                 |
| STANDARD              |                                             |
| Compliance Safety     | CE                                          |

## Product Information Online

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

**Product page:**

<https://www.comx-computers.co.za/RCT-AXPERT-MX2-8K48V-RCT-Axpert-Maximum-II-8kVA-8kW-Buy-p-257526.php>

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