

# RCT AXPERT 5.6K MK4

## Model Number: RCT-AXMK4-5.6K48V

- Pure sin wave MPPT solar inverter
- Customizable status LED bar with RGB lights
- Touchable button with 4.3 coloured LCD
- Wide DC input range
- Supports USB on-th-go function
- Data log events stored in the inverter
- Built-in Wi-Fi for mobile monitoring (App is available)
- Reserved communication port for BMS
- Battery independent function
- Parallel operation with up to 9 units

### RATED POWER

**5600VA / 5600W**



### INPUT

**VOLTAGE:** 230 VAC

**SELECTABLE VOLTAGE RANGE:**

170-280 VAC (For Personal Computers),  
90-280 VAC (Home Appliances)

**FREQUENCY RANGE:**

55 Hz / 60 Hz (Auto Sensing)

**AC VOLTAGE REGULATION (BATT. MODE):**

230 VAC  $\pm$  5%

**OVERLOAD CAPACITY:**

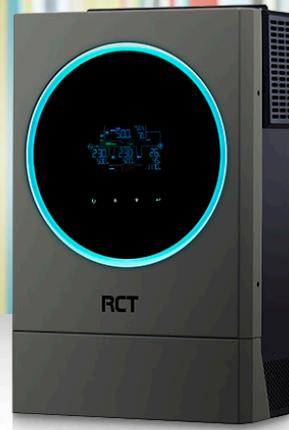
5s @  $\geq$  150% Load, 10s @ 110% ~ 150% Load,  
100ms @  $\geq$  200% Load

**EFFICIENCY (PEAK):** 93%

**TRANSFER TIME:** 10ms (For Personal Computers),  
20ms (For Home Appliances)

**WAVEFORM:** Pure sine wave

### OUTPUT



## 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 POWER:**

6000 W

**MPPT RANGE @ OPERATING VOLTAGE:**

120 ~ 430 VDC

**MAXIMUM PV ARRAY OPEN  
CIRCUIT VOLTAGE:**

450 VDC

**MAXIMUM SOLAR CHARGE CURRENT:**

120A

**MAXIMUM AC CHARGE CURRENT:**

120A

**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

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

**PRODUCT DIMENSIONS:** 140 mm x 295 mm x 468 mm

**12.0 KGS**  
Product Weight

**RCT**

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