

RCT AXPERT 3.6K MK4

Model Number: Axpert MKS IV 3600-48

- 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

3600VA / 3600W



INPUT

VOLTAGE: 230 VAC

SELECTABLE VOLTAGE RANGE:

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

FREQUENCY RANGE:

50 Hz / 60 Hz (Auto Sensing)

AC VOLTAGE REGULATION (BATT. MODE):

230 VAC \pm 5%

OVERLOAD CAPACITY:

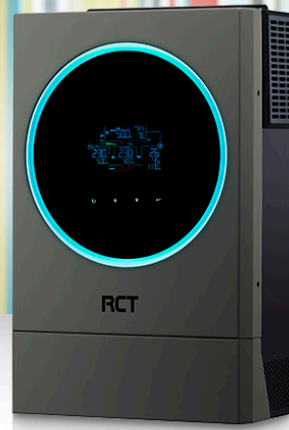
5s @ \geq 150% Load, 10s @ 110% ~ 150% Load,
100ms @ \geq 200% Load

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:

5000 W

MPPT RANGE @ OPERATING VOLTAGE:

120 ~ 430 VDC

**MAXIMUM PV ARRAY OPEN
CIRCUIT VOLTAGE:**

500 VDC

MAXIMUM SOLAR CHARGE CURRENT:

100A

MAXIMUM AC CHARGE CURRENT:

100A

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

11.0 KGS
Product Weight

RCT

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