

RCT OFF-GRID INVERTER

RCT AXPERT MKS 4 TWIN



AVAILABLE IN:

RCT AXPERT MKS 4 TWIN 5K OR RCT AXPERT MKS 4 TWIN 6K

5000 VA / 5000 W **6000 VA / 6000 W**

- Maximum PV input current 27A
- Dual outputs for smart load management
- Customizable status LED ring with RGB lights
- Touchable button with 4.3" coloured LCD
- Wide DC input range
- 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



INPUT

VOLTAGE:

230 VAC

SELECTED VOLTAGE RANGE:

170 - 280 VAC (For Personal Computers)

90 - 280 VAC (For Home Appliances)

FREQUENCY RANGE:

55 Hz / 60 Hz (Auto sensing)

OUTPUT

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

BATTERY

BATTERY VOLTAGE:

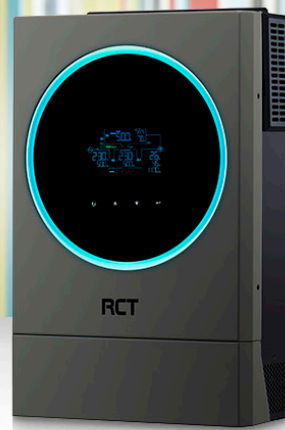
48 VDC

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 ~ 500 VDC

MAXIMUM PV ARRAY OPEN CIRCUIT VOLTAGE:

500 VDC

MAXIMUM PV INPUT CURRENT:

27 A

MAXIMUM SOLAR CHARGE CURRENT:

120 A

MAXIMUM AC CHARGE CURRENT:

120 A

ENVIRONMENT

COMMUNICATION INTERFACE:

USB / RS232 / RS485 / Wi-Fi / Dry-contact

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 & WEIGHT: 140 x 295 x 468 mm & 12.0 (kgs)

RCT

WWW.RCTZONE.CO.ZA