RCT AXPERT
WP 8K-48V

Model Number: RCT-AXMWP-8K-48V

- IP65 waterproof and dustproof makes the inverter available for various working conditions

- Built-in WiFi for mobile monitoring (APP is available)

- 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

- Parallel operation up to 6 units

RATED POWER	PARALLEL CAPABILITY
8000VA / 8000W	**Yes, Up to 6 Units**

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)

OUTPUT

AC VOLTAGE REGULATION (BATT. MODE):
230 VAC ± 5%

SURGE POWER: 16000 VA

EFFICIENCY (PEAK): 90% ~ 93%

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

WAVEFORM: Pure sine wave

NO LOAD POWER CONSUMPTION: < 70W

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:
8000W (4000W x 2)

MPPT RANGE @ OPERATING VOLTAGE:
90 ~ 450 VDC

MAXIMUM PV ARRAY OPEN CIRCUIT VOLTAGE:
500 VDC

MAXIMUM SOLAR CHARGE CURRENT:
120A

MAXIMUM AC CHARGE CURRENT:
120A

MAXIMUM 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 ℃ to 50 ℃
Storage Temperature: -15 ℃ to 60 ℃

STANDARD:
Compliance Safety: CE

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

PRODUCT DIMENSIONS: 200 mm x 435 mm x 665 mm

33 KGS
Product Weight

RCT