

RCT

- Detachable LCD control module with multiple communications
- Built-in Bluetooth for mobile monitoring
(Android App is available)
- Supports USB On-the-Go function
- Reserved communication port for BMS
(RS485, CAN-BUS or RS232)
- Replaceable fan design for ease of maintenance
- Supply load from Grid or PV, even battery is not available
- 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
- Auto restart while AC is recovering
- Cold start function



RCT-AXVM3-1.5K24V

RCT-AXVM3-3K24V
RCT-AXVM3-5K48V

Inverter / Charger

MODEL	RCT-AXVM3-1.5K24V	RCT-AXVM3-3K24V	RCT-AXVM3-5K48V
Rated Power	1500VA/1500W	3000VA/3000W	5000VA/5000W
INPUT			
Voltage	230 VAC		
Selectable Voltage Range	170-280 VAC (For Personal Computers) 90-280 VAC (For Home Appliances)		
Frequency Range	50 Hz/60 Hz (Auto sensing)		
OUTPUT			
AC Voltage Regulation (Batt. Mode)	230VAC ± 5%		
Surge Power	3000VA	6000VA	10000VA
Efficiency (Peak)	90% ~ 93%		
Transfer Time	10 ms (For Personal Computers) 20 ms (For Home Appliances)		
Waveform	Pure sine wave		
BATTERY			
Battery Voltage	24 VDC		48 VDC
Floating Charge Voltage	27 VDC		54 VDC
Overcharge Protection	33 VDC		63 VDC
SOLAR CHARGER & AC CHARGER			
Solar Charger type	MPPT		
Maximum PV Array Power	2000W	4000W	5000W
MPP Range @ Operating Voltage	120 ~ 380 VDC	120 ~ 450 VDC	
Maximum PV Array Open Circuit Voltage	400 VDC	500 VDC	
Maxmum Solar Charge Current	60A	80A	
Maximum AC Charge Current	40A	60A	
Maximum Charge Current	60A	80A	
PHYSICAL			
Dimension, D x W x H (mm)	100 x 280 x 390	115 x 300 x 400	
Net Weight (kgs)	8.5	9	10
Communication Interface	USB/RS232/RS485/Bluetooth/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		

* Product specifications are subject to change without further notice