

REBEL

REBEL E0+

HYBRID INVERTER



FEATURES

- Detachable LCD control module with various communications
- Integrated Bluetooth Interface with Android App
- Supports USB On-the-Go function
- Reserved communication port (RS-485, CAN-BUS or RS-232) for BMS
- Battery Equalization extends lifecycle
- Battery Independency
- User-friendly LCD operation
- Replaceable fan design

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SPECIFICATIONS			
Model			
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 (Battery Mode)	230 VAC \pm 5%		
Surge Power	3000VA	6000VA	10000VA
Efficiency (Peak)	90% - 93%		
Transfer Time	15 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 at Operating Voltage	120-380 VDC	120 - 450 VDC	
Maximum PV Array Open Circuit	400 VDC	500 VDC	
Maximum Solar Charge Current	60A	100A	
Maximum AC Charge Current	40A	100A	
Maximum Charge Current	60A	100A	
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	-1.5°C to 60°C		

