

REBEL

REBEL E0

HYBRID INVERTER



FEATURES

- Pure sine wave solar inverter
- Selectable high power charging current
- Selectable input voltage range for home appliances and personal computers
- Configurable AC/Solar input priority via LCD setting
- Compatible to AC mains or generator power
- Auto restart while AC is recovering
- Overload and short circuit protection
- Smart battery charger design for optimized battery performance
- Cold start function

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SPECIFICATIONS			
Model	EO 1000	EO 3000	EO 5000
Rated Power	1000VA/1000W	3000VA/2400W	5000VA/4000W
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	2000VA	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	12 VDC	24 VDC	48 VDC
Floating Charge Voltage	13.5 VDC	27 VDC	54 VDC
Overcharge Protection	16 VDC	33 VDC	63 VDC
SOLAR CHARGER & AC CHARGER			
Solar Charger Type	MPPT		
Maximum PV Array Open Circuit Voltage	102 VDC	145 VDC	
Maximum PV Array Power	500 W	1500 W	3000 W
MPP Range at Operating Voltage	17~80 VDC	30~115 VDC	60~115 VDC
Maximum Solar Charge Current	40 A	60 A	
Maximum AC Charge Current	20 A	60 A	
Maximum Charge Current	60 A	120 A	
PHYSICAL			
Dimension, D x W x H (mm)	88 x 225 x 320	100 x 300 x 440	
Net Weight (kgs)	4.4	9.5	9.7
Communication Interface	USB/RS232		
OPERATING ENVIRONMENT			
Humidity	5% to 95% Relative Humidity (Non-condensing)		
Operating Temperature	-10°C to 50°C		
Storage Temperature	-15°C to 60°C		

