

REBEL

REBEL E0 MAX

HYBRID INVERTER



FEATURES

- Pure sine wave MPPT solar inverter
- Customizable status LED ring with RGB lights
- Touchable button with 4.3" colored LCD
- Wide DC input range
- Supports USB On-The-Go function
- Data log events stored in the inverter
- Built in Wi-Fi for mobile monitoring (App available)
- Battery independent function
- Parallel operation with up to 9 units

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SPECIFICATIONS		
Model	3600	5600
Rated Power	3600VA/3600W	5600VA/5600W
INPUT		
Voltage	230 VAC	
Selectable 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 (Battery Mode)	230 VAC ± 5%	
Overload Capacity	5s @ ≥150% load; 10s @ 110%~150% load; 100ms @ ≥200% load	
Efficiency (Peak)	93%	
Transfer Time	10 ms (For Personal Computers) 20 ms (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	5000 W	6000 W
MPPT Range at Operating Voltage	120 ~ 430 VDC	
Maximum PV Array Open Circuit Voltage	450 VDC	
Maximum Solar Charge Current	100 A	120 A
Maximum AC Charge Current	100 A	120 A
PHYSICAL		
Dimension, D x W x H (mm)	140 x 295 x 468	
Net Weight (kgs)	11.0	12.0
Communication Interface	USB/RS232/RS485/Wifi/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	

