

REBEL

REBEL MAX

HYBRID INVERTER



FEATURES

- Pure Sine Wave Inverter
- Built in MPPT Charge Controller
- Customizable status LED Ring with RGB Lights
- 4.3" LCD Display
- Wide DC Input Range
- Supports USB On-The-Go Function
- Data Logger with up to 60 Days of Data Storage
- 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	170-280VAC (UPS Mode) 90-280VAC (Appliance Mode)	
Frequency Range	50/60 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	10ms (UPS Mode) 20ms (Appliance Mode)	
Waveform	Pure Sine Wave	
BATTERY		
Battery Voltage	48 VDC	
Floating Charge Voltage	54 VDC adjustable	
Overcharge Protection	66 VDC adjustable	
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 PV Input Current	18 A	24 A
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/Wi-Fi/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	

Exclusively Distributed Across Nigeria By:



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