



BLACK DRAGON INVERTER

Data sheet

MAX II Series



Max II 8kw / 11 kw

The powerful MAX II is equipped with a 150A MPPT solar charger, a newly upgraded 5-inch color LCD display and touchable button. It can also access the data and record it in the inverter to facilitate tracking of the inverters operating status

HIGH FREQUENCY SOLAR INVERTER

Available Color



Main Features

1. Customizable status LED rings with RGB lights.
2. Touchable buttons with large 5inch colored LCD.
3. Built-in Wi-Fi for mobile monitoring (Android/iOS App is available).
4. Supports USB On-the-Go function.
5. Datalog events are stored in the inverter.
6. Reserved communication port for BMS (RS485, CAN- BUS, or RS232).
7. Replaceable fan design for ease maintenance.
8. Battery is independent design.
9. Configurable AC/PV output usage timer and prioritization.
10. Selectable high power charging current.
11. Compatible with Utility Mains or generator input.
12. Built-in DC output for DC fan, LED bulb, router and so on.
13. Parallel operation with 6 units

Technical Specifications:

Model	MAX II 8000	MAX II 11000
Rated Power	8000VA/8000W	11000VA/11000W
Parallel Capability	Yes,6 units	
INPUT		
Voltage	230 VAC	230VAC
Select-able Voltage Range	170-280VAC (For Personal computers)	90-280VAC (For Home Appliances)
Frequency Range	50 Hz/60 Hz (Auto sensing)	50 Hz/60 Hz (Auto sensing)
OUTPUT		
AC Voltage Regulation (Batt. Mode)	230 VAC ± 5%	
Surge Power	16000VA	22000VA
Efficiency (Peak)	93%	
Transfer Time	15ms(For Personal Computers), 20ms(For Home Appliances)	
Waveform	Pure sine wave	
No Load Power Consumption	<70W	
DC Voltage (Optional)	12VDC ± 5%, 100W	
BATTERY		
Battery Voltage	48 VDC	
Floating Charge Voltage	54 VDC	
Overcharge Protection	66 VDC	
SOLAR CHARGER & AC CHARGER		
Solar charger type	MPPT	
Max PV Array Power	8000W (4000Wx2)	11000W (5500Wx2)
MPP Range @operating Voltage	90~450VDC	90~450VDC
Max PV Array Open Circuit Voltage	500VDC	500VDC
Max Solar Charge Current	150A	150A
Max AC Charge Current	120A	150A
Max Charge Current	150A	150A
PHYSICAL		
Dimension, D x W x H (mm)	158.4 x 502.5x 530.8	158.4 x 502.5x 530.8
Net Weight (kgs)	19	21
Communication Interface	USB/RS232/RS485/WIFI/Dry-contact	
OPERATING ENVIRONMENT		
Humidity	5% to 95% Relative Humidity (Non-condensing)	
Operating Temperature	- 10C to 50C	
Storage Temperature	- 15C to 60C	
STANDARD		
Compliance Safety	CE	

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FOR A BRIGHTER FUTURE



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