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Haus MAX II Series | 8KW-11KW

Pure Sine Wave Output	Output Power Factor 1.0	USB On-The-Go
Generator Compatible	BMS Communication	LiFePO4 Compatible
Mobile App	5" Coloured LCD	Cold Start Function
Selectable Input Voltage Range	MPPT Tracker x 2	Parallel Operation (6 units)

Available on the App Store / GET IT ON Google Play · WiFi · RGB LIGHTS

Key Features

Dual MPPT tracker design
Dual MPPT design gives more advantage on solar power tracking with two independent PV arrays.

Dual output for smart load management
Enables user to separate output loads according to the backup requirements with timing selection in Haus Max II Twin 8kW/11kW models..

Dual input single output design
Haus Max II Duplex 11kW model is designed to allow two independent AC power source and switch automatically to prevent power interruptions.

Battery independent design
Operates efficiently without relying on an attached battery storage system.

Built-in BMS communication for LiFePO4 battery
Provides advanced monitoring and management to lithium-ion battery.

Customisable status LCD ring with RGB light
User can easily program RGB lightings with different lighting effects for inverter status.

Data logs store in the inverter
All the events including warning/fault conditions of the inverter can be stored for future analysis.

Flexible Scalability with Parallel Configuration
Expandable solar power system with up to 6 units in parallel for capacity extension.

Selectable high-power charging current
Safe, efficient and fast charging of battery bank even with higher total capacity.

Built-in smart charging design
Helps to extend maximum performance and life from your battery with more precise charging capabilities.

Configurable output source priority (Solar/AC)
Set the sequence and usage timer via LCD panel to meet the power demand based on user preferences or specific requirements.

Anti-dust filters
Filter dust will be drawn in by the cooling fan, allowing for easy maintenance and reliable performance even in harsh environment

DC output (12V, 100W) output connector
DC output power can be directly connected to small power DC bulbs, routers, etc..

User-programmable RGB lighting for different operation mode

Pink	Orange	Yellow	Green	Blue	Sky Blue	Purple

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Specifications

MODEL	Haus MAX II Twin 8KM-48	Haus MAX II Twin 11KM-48	Haus Max II Duplex 11KM-48
Rated Power	8000VA/8000W	11000VA/11000W	11000VA/11000W
Parallel Capability	Yes (up to 6 units)		
INPUT			
Voltage	230 VAC		
Dual Input (Independent)	No	no	Yes
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 (Batt. Mode)	230VAC ± 5%	230VAC ± 5%	230VAC ± 5%
Dual Output (Programmable)	Yes	Yes	Yes
Surge Power	16000VA	22000VA	22000VA
Efficiency (Peak)	93%		
Transfer Time	10 ms (For Personal Computers) ; 20 ms (For Home Appliances)		
Waveform	Pure sine wave		
No Load Power Consumption	< 70W		
DC Voltage	12 VDC ± 5%, 100W		
BATTERY			
Battery Voltage	48 VDC	48 VDC	48 VDC
Floating Charge Voltage	54 VDC	54 VDC	54 VDC
Max Charge Voltage	62 VDC	62 VDC	62 VDC
Overcharge Protection	66 VDC	63 VDC	63 VDC
SOLAR CHARGER & AC CHARGER			
Solar Charger Type	MPPT		
Maximum PV Array Power	8000W (4000W x 2)	11000W (5500W x 2)	11000W (5500W x 2)
MPPT Range @ Operating Voltage	90 ~ 450 VDC		
Maximum PV Array Open Circuit Voltage	500 VDC		
Max. PV Input Current	27A x 2 (40A max)		
Maxmum Solar Charge Current	150A		
Maximum AC Charge Current	120A	150A	150A
Maximum Charge Current	150A		
PHYSICAL			
Dimension, D x W x H (mm)	158.4 x 503.6 x 530.8		
Net Weight (kgs)	20		18.4
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		

Product specifications are subject to change without further notice.