



Haus WP Twin | 8KW



Pure Sine
Wave Output



Output Power
Factor 1.0



USB
On-The-Go



Generator
Compatible



BMS
Communication



LiFePO4
Compatible



Mobile App



User Friendly
LCD



Dual AC Output



MPPT
Tracker x 2



Parallel Operation
(6 units)



Selectable Input
Voltage Range



Key Features

IP65 rated design

Weatherproof (dustproof) design suitable to be used for harsh environments.

Dual output for smart load management

Enables user to separate output loads according to the backup requirements with timing selection.

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.

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.

Specifications

MODEL	Haus WP Twin 8KM-48	
Rated Power	8000VA/8000W	
Parallel Capability	Yes (up to 6 units)	
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 (Batt. Mode)	230VAC ± 5%	
Dual Output (Programmable)	Yes	
Surge Power	16000VA	
Efficiency (Peak)	90% ~ 93%	
Transfer Time	15 ms (For Personal Computers) ; 20 ms (For Home Appliances)	
Waveform	Pure sine wave	
No Load Power Consumption	< 70W	
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	8000W (4000W x 2)	
MPPT Range @ Operating Voltage	90 ~ 450 VDC	
Maximum PV Array Open Circuit Voltage	500 VDC	
Max. PV Input Current	18A x 2	
Maximum Solar Charge Current	150 A	
Maximum AC Charge Current	120 A	
Maximum Charge Current	120 A	
PHYSICAL		
Dimension, D x W x H (mm)	200 x 435 x 665	
Net Weight (kgs)	33	
Communication Interface	USB / RS232 / RS485 / Dry-contact / WiFi	
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.