

Haus V II Premium Series | 1.2KW-5KW



Pure Sine Wave Output



Output Power Factor 1.0



User Friendly LCD



Generator Compatible



Selectable Input Voltage Range



BMS Communication



LiFePO4 Compatible



Mobile App



Cold Start Function



Key Features

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.



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 via LCD panel to meet the power demand based on user preferences or specific requirements.

Auto restart while AC is recovering

Inverter can automatically restart in the event of AC recovery.

Anti-dust filters

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

Specifications

MODEL	Haus V II Premium 1.2KM-12	Haus V II Premium 2.5KM-24	Haus V II Premium 3KM-24	Haus V II Premium 3KM-48	Haus V II Premium 5KM-48
Rated Power	1200VA/1200W	2500VA/2500W	3000VA/3000W	3000VA/3000W	5000VA/5000W
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%				
Surge Power	2400VA	5000VA	6000VA	6000VA	10000VA
Efficiency (Peak)	93%				
Transfer Time	10 ms (For Personal Computers) ; 20 ms (For Home Appliances)				
Waveform	Pure sine wave				
BATTERY					
Battery Voltage	12 VDC	24 VDC		48 VDC	
Floating Charge Voltage	13.5 VDC	27 VDC		54 VDC	
Overcharge Protection	16 VDC	32 VDC		63 VDC	
SOLAR CHARGER & AC CHARGER					
Solar Charger Type	MPPT				
Maximum PV Array Open Circuit Voltage	350 VDC		450 VDC		500 VDC
Maximum PV Array Power	2000W		3000W		5000W
Maximum PV Input Current	13A				18A
MPP Range @ Operating Voltage	30 ~ 300 VDC (30 ~ 60VDC with battery connected)	30 ~ 400 VDC (30 ~ 60VDC with battery connected)		60 ~ 400 VDC	120 ~ 450VDC
Maximum Solar Charge Current	100 A				100A
Maximum AC Charge Current	80A			60A	100A
Maximum Charge Current	100A				100A
PHYSICAL					
Dimension, D x W x H (mm)	90 x 288 x 357		110 x 288 x 390	90 x 288 x 357	120 x 300 x 440
Net Weight (kgs)	6.5	7.0	7.2	7.0	10
Communication Interface	RS232/RS485				
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.