

Haus MPPT IV Series | 3.6KW-6KW



Pure Sine Wave Output



Output Power Factor 1.0



USB On-The-Go



Dual AC Output



4.3" Coloured LCD



Selectable Input Voltage Range



Generator Compatible



BMS Communication



LiFePO4 Compatible



Mobile App



Parallel Operation (9 units)



Cold Start Function



Key Features

Dual output for smart load management (Option for 6KW)

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.

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 9 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

Three lighting effects



Cycling

Quickly scrolling with a colour of your choice in a continuous circular motion



Wheel

Illuminates with twinkling lights in a colour of your choice



Chasing

Radiates your selected colour upward from the bottom of the ring

Specifications

MODEL	Haus IV 3.6KM-48	Haus IV 5.6KM-48	Haus IV 6KM-48
Rated Power	3600VA/3600W	5600VA/5600W	6000VA/6000W
Parallel Capability	Yes (up to 9 units)		
INPUT			
Voltage	230 VAC		
Selectable Voltage Range	170-280 VAC (For Personal Computers) 90-280 VAC (For Home Appliances)		
Frequency Range	55 Hz/60 Hz (Auto sensing)		
OUTPUT			
Dual Output (Programmable)	No	No	Yes (option)
AC Voltage Regulation (Batt. Mode)	230 VAC ± 5%		
Surge Power	7200VA	10000VA	12000VA
Overload capacity	5s@≥150% load; 10s@110%~150% load; 100ms @ ≥200% load		
Efficiency (Peak)	93 %		
Transfer Time	10 ms (For Personal Computers) ; 20 ms (For Home Appliances)		
Waveform	Pure sine wave		
BATTERY			
Battery Voltage	48 VDC	48 VDC	48 VDC
Floating Charge Voltage	54 VDC	54 VDC	54 VDC
Overcharge Protection	66 VDC	66 VDC	66 VDC
SOLAR CHARGER & AC CHARGER			
Solar Charger Type	MPPT	MPPT	MPPT
Maximum PV Array Power	5000 W	6000 W	6000 W
MPPT Range @ Operating Voltage	120 ~ 430 VDC		
Maximum PV Array Open Circuit Voltage	500 VDC	450 VDC	500 VDC
Max. PV Input Current	27A		
Maximum Solar Charge Current	100 A	120 A	120 A
Maximum AC Charge Current	100 A	120 A	120 A
PHYSICAL			
Dimension, D x W x H (mm)	140 x 295 x 468		
Net Weight (kgs)	11.0	12.0	12.0
Communication Interface	USB/RS232/RS485/WiFi/Dry-contact		
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.