

Haus MPPT III Series

- Pure sine wave solar inverter
- Output power factor 1.0
- Detachable LCD control module with multiple communications
- Wide DC input range
- Built-in Wi-Fi for mobile monitoring (Android/iOS App is available)
- Supports USB On-the-Go function
- Built-in BMS communication for Lithium-ion Batteries
- Smart battery charger design for optimized battery performance
- Battery independent function
- Parallel operation up to 9 units



Specifications

MODEL	Haus III 5KM-48	Haus III 6KM-48
RATED POWER	5000VA/5000W	6000VA/6000W
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)	230 VAC ± 5%	
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	
Floating Charge Voltage	54 VDC	
Max Charge Voltage	64VDC	
Overcharge Protection	66 VDC	
SOLAR CHARGER & AC CHARGER		
Solar Charger Type	MPPT	
Maximum PV Array Power	5000 W	6000 W
MPPT Range @ Operating Voltage	120 ~ 430 VDC	
Maximum PV Array Open Circuit Voltage	450 VDC	500 VDC
Maximum Solar Charge Current	100 A	120 A
Maximum AC Charge Current	100 A	120 A
Maximum Charge Current	100 A	120 A
PHYSICAL		
Dimension, D x W x H (mm)	140 x 295 x 468	
Net Weight (kgs)	12.0	
Communication Interface	USB, RS232, RS485, Bluetooth	
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.