

Haus MPPT II Series

- Pure sine wave solar Inverter
- Output power factor 1.0
- Output power factor 1
- The load could be powered from Solar power and AC grid even the battery is not available
- Built-in advanced DSP-controlled MPPT solar charge controller
- Battery independent design
- Battery equalization function to optimize battery performance and extend lifecycle
- Parallel operation with up to 9 units



Specifications

| MODEL | Haus II 5KM-48 | Haus II 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) | 90 % | |
| 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 | 4500W | 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) | 120 x 295 x 468 | |
| Net Weight (kgs) | 11.0 | |
| Communication Interface | USB and RS232 | |
| 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.