

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 Friendl LCD



Dual AC Output



Tracker x 2



Parallel Operation (6 units)



Selectable Inpu 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

Rated Power 8.000VA/8000W Parallel Capability Yes (up to 6 units) Parallel Capability Yes 230 VAC (For Personal Camputers) Parallel Capability Parallel Capabi	MODEL	Haus WP Twin 8KM-48	
NPUT	Rated Power	8000VA/8000W	
Voltage 230 VAC Selectable Voltage Range 170-280 VAC (For Formal Computers) Frequency Range 50 Hz/60 Hz (Auto sensing) CUTPUT AC Voltage Regulation (Bath. Mode) 230 VAC ± 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	Parallel Capability	Yes (up to 6 units)	
Selectable Voltage Range	INPUT		
Selectable Voltage Range 90-280 VAC (For Home Appliances) Frequency Range 50 Hz/60 Hz (Auto sensing) OUTPUT AC Voltage Regulation (Bath. 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 Pur sinue wave No Load Power Consumption < 700W Battery Voltage 48 VDC Bottery Voltage 48 VDC Overcharge Protection 66 VDC Solar Charges & AC CHARGER Solar Charges & AC CHARGER Solar Charges & AC CHARGER MPPT Maximum PV Array Power 80000W (4000W x 2) MPPT Range @ Operating Voltage 90 ~ 450 VDC Maximum PV Array Open 500 VDC Mox. PV Input Current 18A x 2 Maximum Solar Charge Current 15 DA Moximum AC Charge Current 15 DA Moximum AC Charge Current 15 DA	Voltage		
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	Selectable Voltage Range		
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	Frequency Range	50 Hz/60 Hz (Auto sensing)	
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 Battery Voltage Battery Voltage Covercharge Protection Solar Charge RAC CHARGER Solar Charge RAC CHARGER Solar Charge Type Maximum PV Array Power 80000W (4000W x 2) MPPT Range @ Operating Voltage 90 ~ 450 VDC Maximum PV Array Open 500 VDC Circuit Voltage 500 VDC Max. PV Input Current 18A x 2 Maximum Ac Charge Current 150 A Maximum Ac Charge Current 120 A Maximum Ac Crarge Current 120 A Maximum Ac Charge Current 120 A Maximum Ac Crarge Current 120 A Maximum Ac Charge Current 120 A Maximum Ac Crarge Cu	ОИТРИТ		
Surge Power 16000VA Efficiency (Peak) 90% ~ 93% Transfer Time 15 ms (For Personal Computers); 20 ms (For Home Appliances) Woveform Pure sine wave No Load Power Consumption < 70W	AC Voltage Regulation (Batt. Mode)	230VAC ± 5%	
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	Dual Output (Programmable)	Yes	
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 Bloating Charge Voltage 54 VDC Overcharge Protection 66 VDC SOLAR CHARGER & AC CHARGER Solar Charger Type MPT Maximum PV Array Power 8000W (4000W x 2) MPPT Range @ Operating Voltage 90 ~ 450 VDC Maximum PV Array Open Circuit Voltage 500 VDC Max.mum Solar Charge Current 18A x 2 Maxmum AC Charge Current 150 A Maximum AC Charge Current 120 A Maximum AC Charge Current 120 A PHYSICAL 120 A 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 40 Control of the Ministry Non-condensing) Upperating Temperature -10°C to 50°C	Surge Power	16000VA	
Waveform Pure sine wave No Load Power Consumption < 70W BATTERY Battery Voltage Eloating Charge Voltage 48 VDC Floating Charge Protection 66 VDC SOLAR CHARGER & AC CHARGER SOLAR CHARGER & AC CHARGER MPPT Maximum PV Array Power MPPT & Modern Ward (4000W x 2) MAPT Range @ Operating Voltage 90 ~ 450 VDC Maximum PV Array Open 500 VDC Circuit Voltage 18A x 2 Maxmum Solar Charge Current 150 A Maximum AC Charge Current 120 A Maximum AC 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	Efficiency (Peak)	90% ~ 93%	
No Load Power Consumption < 70W	Transfer Time	15 ms (For Personal Computers); 20 ms (For Home Appliances)	
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 Maxmum 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 5% to 95% Relative Humidity(Non-condensing) Operating Temperature -10°C to 50°C	Waveform	Pure sine wave	
Battery Voltage 48 VDC Floating Charge Voltage 54 VDC Overcharge Protection 66 VDC SOLAR 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 Circuit Voltage 18A x 2 Maxmum Solar Charge Current 150 A Maximum AC Charge Current 120 A Maximum Charge Current 120 A PHYSICAL 200 x 435 x 665 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	No Load Power Consumption	< 70W	
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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 Circuit Voltage 150 A Max. PV Input Current 150 A Maximum AC Charge Current 120 A Maximum Charge Current 120 A 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	Battery Voltage	48 VDC	
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Solar Charger TypeMPPTMaximum PV Array Power8000W (4000W x 2)MPPT Range @ Operating Voltage90 ~ 450 VDCMaximum PV Array Open Circuit Voltage500 VDCMax. PV Input Current18A x 2Maxmum Solar Charge Current150 AMaximum AC Charge Current120 AMaximum Charge Current120 APHYSICALDimension, D x W x H (mm)200 x 435 x 665Net Weight (kgs)33Communication InterfaceUSB / RS232 / RS485 / Dry-contact / WiFiOPERATING ENVIRONMENTHumidity5% to 95% Relative Humidity(Non-condensing)Operating Temperature-10°C to 50°C	Overcharge Protection	66 VDC	
Maximum PV Array Power MPPT Range @ Operating Voltage Maximum PV Array Open Circuit Voltage Max. PV Input Current Max. PV Input Curre	SOLAR CHARGER & AC CHARGER		
MPPT Range @ Operating Voltage Maximum PV Array Open Circuit Voltage Max. PV Input Current Maximum Solar Charge Current Maximum AC Charge Current Maximum Charge Current Maximum Charge Current Dimension, D x W x H (mm) Maximum Charge Current Dimension, D x W x H (mm) Maximum Charge Current Dimension, D x W x H (mm) Maximum Charge Current Dimension, D x W x H (mm) Maximum Charge Current Maximum AC Ch	Solar Charger Type	MPPT	
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Circuit Voltage Max. PV Input Current Maxmum Solar Charge Current Maximum AC Charge Current Maximum AC Charge Current Maximum Charge Current PHYSICAL Dimension, D x W x H (mm) Dimension, D x W x H (mm) Solar Charge Current Dimension, D x W x H (mm) Solar Charge Current USB / RS232 / RS485 / Dry-contact / WiFi OPERATING ENVIRONMENT Humidity Six to 95% Relative Humidity(Non-condensing) Operating Temperature	MPPT Range @ Operating Voltage	90 ~ 450 VDC	
Maxmum Solar Charge Current 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	, ·	500 VDC	
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Maximum Charge Current 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	Maxmum Solar Charge Current	150 A	
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	Maximum AC Charge Current	120 A	
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	Maximum Charge Current	120 A	
Net Weight (kgs) 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	PHYSICAL		
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	Dimension, D x W x H (mm)	200 x 435 x 665	
OPERATING ENVIRONMENT Humidity 5% to 95% Relative Humidity(Non-condensing) Operating Temperature -10°C to 50°C	Net Weight (kgs)	33	
Humidity 5% to 95% Relative Humidity(Non-condensing) Operating Temperature -10°C to 50°C	Communication Interface	USB / RS232 / RS485 / Dry-contact / WiFi	
Operating Temperature -10°C to 50°C	OPERATING ENVIRONMENT		
· · · · ·	Humidity	5% to 95% Relative Humidity(Non-condensing)	
Storage Temperature -15°C to 60°C	Operating Temperature	-10°C to 50°C	
	Storage Temperature	-15°C to 60°C	

Product specifications are subject to change without further notice.