

Haus V Series | 1KW-5KW



Pure Sine Wave Output



Output Power Factor 1.0



Selectable Input Voltage Range



User Friendly LCD



Generator Compatible



Cold Start Function



Key Features

Pure sine wave output

Provides clean and consistent pure sine wave power that improves equipment's performance and efficiency.

Selectable input voltage range

Two selection modes with narrow input voltage range, suitable for sensitive appliances such as personal computers, and wide input range that can sufficiently support general home appliances.

Selectable high-power charging current

Safe, efficient and fast charging of battery bank even with higher total capacity.

Built-in smart charging design

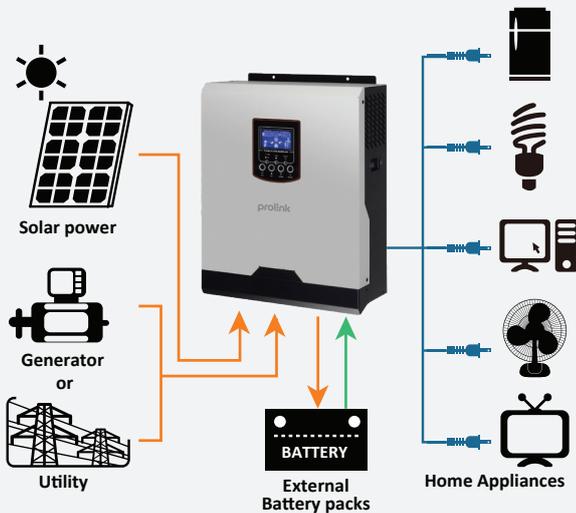
Helps to extend maximum performance and life from your battery with more precise charging capabilities.

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.



Specifications

MODEL	Haus V 1K-12	Haus V 1KM-12	Haus V 2K-24	Haus V 2KM-24	Haus V 3K-24	Haus V 3KM-24	Haus Plus V 3KM-24	Haus V 5K-48	Haus V 5KM-48
Rated Power	1000VA/1000W		2000VA/2000W		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	2000VA	4000VA			6000VA			10000VA	
Efficiency (Peak)	90% ~ 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			54 VDC	
Floating Charge Voltage	13.5 VDC	27 VDC			31 VDC			61 A	
Max. Charge Voltage	15 VDC	30 VDC			32 VDC			63 VDC	
Overcharge Protection	16 VDC	32 VDC			32 VDC			63 VDC	
SOLAR CHARGER & AC CHARGER									
Solar Charger type	PWM	MPPT	PWM	MPPT	PWM	MPPT		PWM	MPPT
Maximum PV Array Open Circuit Voltage	55 VDC	102 VDC	80 VDC	102 VDC	80 VDC	102 VDC	145 VDC	105 VDC	145 VDC
Maximum PV Array Power	600 W	500 W	1200 W	1000 W	1200 W	1000 W	1500 W	2400 W	3000 W
MPPT Range @ Operating Voltage	N/A	17 ~ 80 VDC	N/A	30~80 VDC	N/A	30~80 VDC	30~115 VDC	N/A	60~115 VDC
Maximum Solar Charge Current	50 A	40 A	50 A	40 A	50 A	40 A	60 A	50 A	60 A
Maximum AC Charge Current	20 A	20 A	20 A	25A	25A	25A	60 A	60 A	60 A
Maximum Charge Current	50 A	60 A	50 A	60 A	70 A	60 A	120 A	110 A	120 A
PHYSICAL									
Dimension, D x W x H (mm)	88 x 225 x 320				100 x 285 x 334		100 x 300 x 440	100 x 300 x 440	
Net Weight (kgs)	5.0		5.5		6.4	6.6	9.5	8.5	9.7
Communication Interface	USB/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.