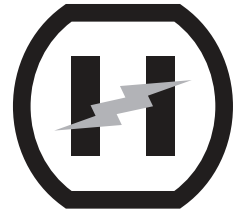


HOME POWER STANDARD

6.5 kWh

The 6.5 kWh of battery storage is ready to power critical loads for an extended period of time. This is a perfect solution for any home.



HUMLESS[™]
Reliable Power Systems

kWh	Essentials Load	Cycle Life	Size
6.5	14+ hours	2,500+	30.7" x 13.7" x 35.8"



Home, Cabin, & RV



On The Go



Automotive

HOME POWER STANDARD

6.5 kWh

SPECIFICATIONS

System Storage Capacity	6.5 kWh (DC)
System Work Model	On and Off-Grid Hybrid
UPS Function	Yes
Cycle life	2,500+ cycles (daily use ~6.8 yrs)
Integrated systems	AC & DC controllers, inverter, and BMS
System efficiency	92% (>70% Load)

AC INPUT

Input Voltage	Yes	96V to 132V
Input Frequency	59.3~60.5Hz (60Hz Default)	
Max Charge Power	6.5 kW	
Max Efficiency	> 92%	
Nominal AC Input Power	3,000 W	
Maximum Input Current	30 Amp	
AC Voltage Range	95-132Vac (60Hz Default)	

AC OUTPUT

Nominal AC Output Power	3,000 W
Maximum AC Output Power	4,500 W
AC Voltage (Nominal Inverter Voltage)	120 Vac
Nominal Frequency	60Hz
Nominal Inverter Output Current	25A (Recommend daily running load 20A)
Maximum Inverter Output Current (Nominal Inverter Voltage)	37.5A
Overload	100%-110% & 10 Min / 110%-150% & 10 Sec
Feed Back to Grid	Yes (Default)
Energy Consumption	Intelligent Control
Maximum Efficiency	>92.5%
Output Voltage	110 V

SOLAR PV INPUT

Maximum Input Power	3,000 W
Start-up Voltage	85 V
MPPT Strings Amount	2
MPPT Voltage Range	70 V - 140 V
MPPT Efficiency	96%
Maximum Input Current	N/A
Maximum Input Voltage	150 VDC
Maximum Efficiency	> 96%
Isc. PV (Short Circuit Current)	50A
Solar Charing Model	MPPT

BATTERY

Battery Management System	Yes
Rated Capacity	135 Ah
Battery Type	Li-ion
Maximum Charge Voltage	58.5V
Discharge Cutoff Voltage	42V
Maximum Charge Current	40A
Battery Capacity	6.5 kWh
Rated Output Power	3,000 W
Peak Output	4,500 W
Output Voltage	100/110/120V
Output Frequency	50/60Hz±0.1%
Overload Ability	100%-110%@10min; 110%-150%@10s
On/off Grid	On & Off Grid
Max Efficiency	92% (> 70% Load)

ELECTRICAL PROTECTIONS

DC/AC	Yes
DC Lighting Arrester	Yes
Batteries Protection	Fuse

GENERAL

IP Protection	IP21
Connectivity	Cables Terminals
Input Voltage	Yes
Using Conditions	Humidity: 5%-90%
	Temperature: 0-40 °C (Charge) / -20—50 °C (Discharge)
Warranty	5 Year
Ventilation Location	Side (Provide 3-5" clearance around vents)
Dimensions	30.7" x 13.7" x 35.83"
Gross Weight	353 lbs (161 Kg)

