



www.power-hub.co.uk

Power-Hub H1

Mobile Power Generator 5000 Watts

Mobile Storage Power | 1800+ Wh



Rated power 5,000 Watts

Peak power 10,000 Watts

Power storage 5120 Wh to 11800+ Wh



Power-Hub
POWER UP

Why Power-Hub H1 ?

Power-Hub mobile power generator is a cabinet based on five kilowatts (5000 watts) output power supplying system. It can easily recharge, store, and supply high-demand power from its built-in hybrid charging, battery storing, and electricity supplying systems. The cabinet is mobile on its four-wheels.

The major parts are 1) All-in-one solar and grid hybrid charger inverter system; 2) All-in-one LiFePO4 battery storage with its power management system; 3) And a 4-wheel mounted cabinet system. With main features of powerful, portable, high-efficient, professional, and multiple rechargeable. Delivers powerful electricity wherever needed.

All-in-one solar and grid hybrid charger inverter, is an advanced multifunctional pure sine wave inverter. With a peak power of 10,000VA, includes two output modes: Mains electricity bypass output, and pure sine wave inverter output. So uninterrupted power supply is no longer a dream.

Multiple recharging systems are a humanised design and meet all your special requests. Functions are super high-efficient MPPT solar charging; Solar connected but mains electricity priority charging; Grid-tied but solar priority charging; Solar and mains electricity hybrid charging.

All-in-one LiFePO4 battery system combined with superior safety LiFePO4 battery modules, and power management systems. Each module has energy storage of 5120Wh, which offers up to 20 times longer cycle life and five times longer float life than lead-acid batteries. Helping to minimise replacement cost and reduce total cost of ownership. The power management system provides all-time and high-efficient full protections.

An easy mobile, multifunctional, and good looking cabinet is needed. Well mounted with 6-inches 4 universal wheels (2 with brakes) to satisfy plenty of your applications. The All Terrain version is supplied with protective frame and 8-inch universal wheels.

All-Terrain Frame is Optional



Left Side View



Front View



Right Side View

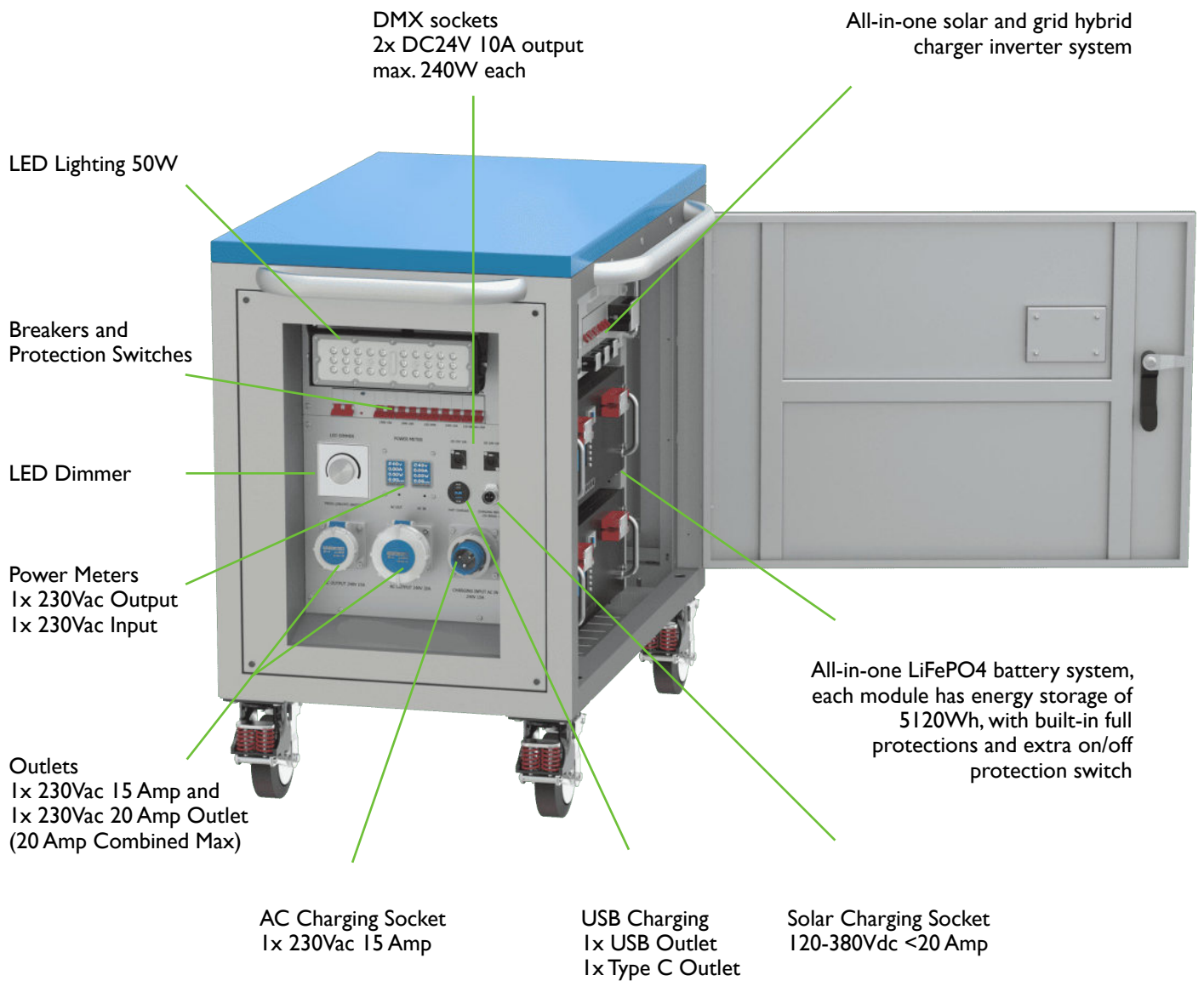
System Features

- I. A cabinet based on 5000 watts power supplying system, easy mobile on its four-wheels.
- II. It can easily recharge, store, and supply high-demand power anywhere, anytime, any electrical devices, for any applications.
- III. Multifunctional all-in-one solar and grid hybrid charger inverter built-in, multiple recharging systems meet all your special requests.
- IV. All-in-one LiFePO4 battery storage with its power management system built-in, and 20 times longer cycle life and five times longer float life than lead-acid batteries.
- V. Lots of mobile power.

Applications

- I. Emergency power: For homes, offices, motorhomes, cabins, pumping systems, construction sites, etc...
- II. Work productivity: Operates inductive, restrictive and capacitive loads such as film set equipment, lighting & power tools etc.
- III. Anywhere, anytime, any electrical products and systems that are rated power below 5000W.

Design Features



Technical Specifications

Model Name	Power-Hub H1	Power-Hub Pro+
AC Output		
Output Voltage Waveform	Pure Sine Wave	
Rated Output Voltage	230Vac	
Rated Output Power	5000W	
Peak Power	10000W	
On-load Motor Capacity	4HP	
Max. Output Current	20A	
Output Frequency Range	50Hz±0.3Hz/60Hz±0.3Hz	
Storage Battery		
Battery type	Lithium Iron Phosphate Battery (LiFePO4)	
Storage Power	5120Wh	11800Wh
Rated Battery Input Voltage	51.2V	
Nominal Capacity	100AH (1pc)	200AH (100AHx2pcs)
Hybrid Charging Max. Current (07)	50A	50A (25A to each battery)
AC Input Charging		
Rated Input Voltage	230Vac	
Max.AC Charging Current (28)	15A (56.8VDC 50A to battery)	
Solar Input Charging		
PV Charging Voltage	120-380Vdc	
Max. PV Charging Current (36)	20A (56.8VDC 50A to battery)	
Max. PV Input Power	5500W	
General Specification		
Product weight	192 kg	235 kg
Gross weight	273 kg	316 kg
Product size(H x W x L)	997 x 700 x 901 mm	
Wooden box package size(HxWxL)	1320 x 830 x 1250 mm	
Operating Temperature Range	-10°C to 55°C	
Humidity Range	5% to 95%	
Noise	≤60dB	
Heat Dissipation	Forced air cooling	
Certification of Major Parts	CE,RoHS	
Communication Interface	USB/RS485(WiFi/GPRS)	

General Specifications

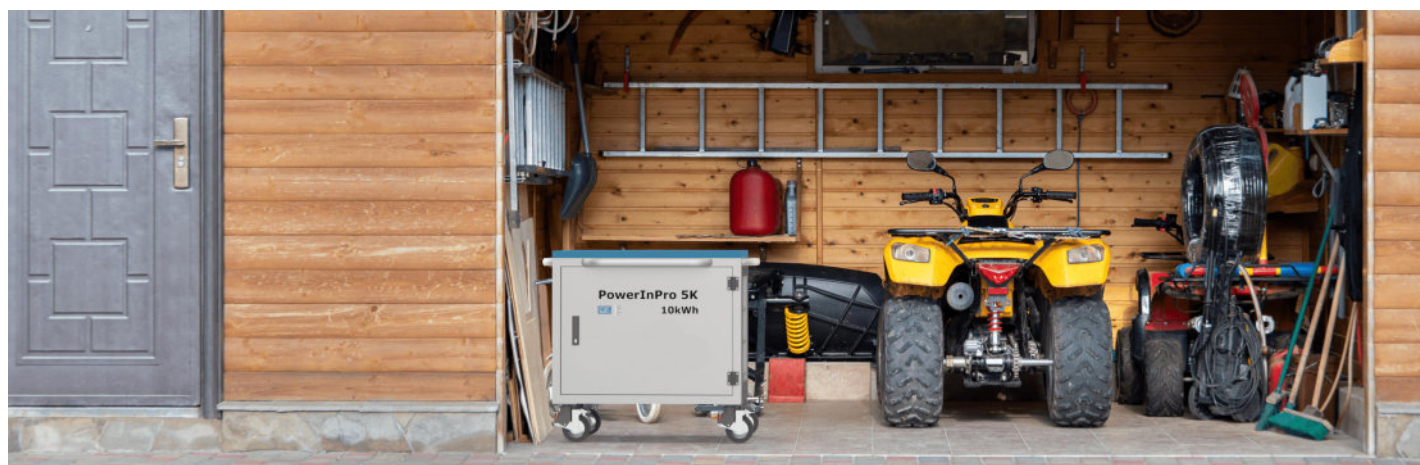
	Power-Hub HI	Power-Hub Pro+
Product weight	192 kg	235 kg
Gross weight	273 kg	316 kg
Product size(H x W x L)	997 x 700 x 901 mm	
Wooden box package size(HxWxL)	1320 x 830 x 1250 mm	
Warranty	36 months	
Operating temperature range	-15°C to 55°C	
Storage temperature range	-25°C ~ 60°C	
Humidity range	5% to 95% (Conformal coating protection)	
Noise	≤60dB	
Heat dissipation	Forced air cooling, variable speed of fan	
Communication interface	USB/RS485(Bluetooth/WiFi/GPRS)/Dry node control	

Ordering Information

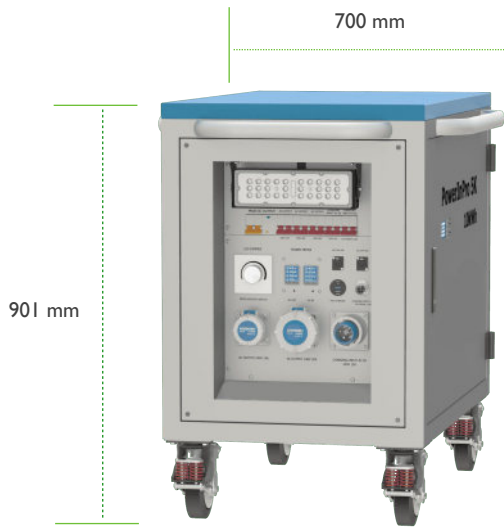
					Power-Hub HI -5000W-5I 20Wh -----Pro+ 10240Wh		
Product Code	Rated Power	—	Peak Power	LiFePO4 Battery	Output Voltage	—	Options
Power-Hub HI	5000W	—				—	Example
Power-Hub HI	5000W		10,000VA	5,120WH	V1: 220/230Vac V2: 110/120Vac		Customized higher volume batteries available
Power-Hub Pro+				10,240WH			

Note

Please contact us for the options and the lead time which will be varied depending on the options selected.



Packaging Information



Front View



Side View

Product Code	Packaging Unit	Product Dimensions LxWxH	Net Weight	Packaging Dimensions LxWxH	Gross Weight	Volume	Quantity In 20ft Container
Power-Hub H1	One wooden box	997x700x901 mm	192 kg	1320x830x1250 mm	273 kg	1.37m ³	30 Sets
Power-Hub Pro+	One wooden box	997x700x901 mm	235 kg	1320x830x1250 mm	316 kg	1.37m ³	30 Sets

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