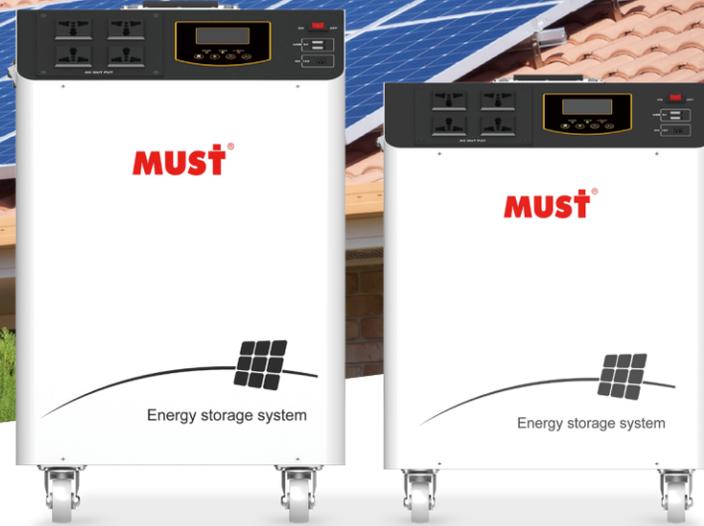


ALL-IN-ONE ENERGY STORAGE SOLAR SYSTEM

MUST

May the power be with you



HBP1800 Series

MUST HBP1800 series all-in-one energy storage solution, support 1KW 2KW 3KW output for different load appliances. It's based on the original cabinet design, stacked with solar energy storage lithium battery 1kwh, 2kwh, 3kwh, 6.4kwh, and built in battery protection system, fully retain the use of load power in applications of residential, school, commercial and public utility area.

1000W / 2000W / 3000W
Pure sine wave inverter

1kwh / 2kwh / 3kwh / 3.2kwh / 6.4kwh
Energy storage

4000+
Charge cycle

24/7
UPS Plug & play use

2 USB ports
for DC load

 Features higher capacities for greater compatibility with more power-hungry devices, and the latest in USB-C Power Delivery capable of charging larger USB devices like laptops.

 Includes pre-installed solar charging optimization module that functions as a maximum power point tracker (MPPT), resulting in up to 40% faster charge times.

 With LiFePO4 lithium cells, known for stability and safety, monitored by a state-of-the-art battery management system that prevents over-charge, over-current, and short circuiting.

 Built in Multi safety protection that include short circuit, overload and over-temperature and error code reporting.

ALL-IN-ONE ENERGY STORAGE SOLAR SYSTEM HBP1800 SERIES

MUST

Specifications

MODEL		HBP18-1012			HBP18-2024			HBP18-3024		
Inverter	Rated power	1000W			2000W			3000W		
	Output voltage waveform	Pure sine wave								
	Output voltage regulation	230Vac ±5%								
	Output frequency	50Hz / 60Hz (±0.2Hz)								
	Peak efficiency	90%								
	Nominal DC input voltage	12Vdc (±0.3)			24Vdc (±0.3)			24Vdc (±0.3)		
	Standby Consumption	< 25W								
PV Input	Max solar power input	900W			1800W			1800W		
	PV max charging current	60A (±3A)			60A (±3A)			60A (±3A)		
	Combined charging current	70A (±4A)			80A (±4A)			80A (±4A)		
	Max efficiency	98.0% max								
	PV array open circuit voltage	105VDC			145VDC			145VDC		
	PV Array MPPT Voltage Range	15~105V			30~120VDC			30~120VDC		
	AC Input	AC input voltage	230Vac ±5%							
Acceptable input voltage range		90-280VAC								
Nominal input frequency		50Hz / 60Hz (Auto detection)								
Transfer time		10ms typical (UPS, VDE); 20ms typical (APL)								
AC Charge	Charging current @ Nominal input voltage	10/20A (±4A)			20A/30A (±4A)			20A/30A (±4A)		
	Charging Algorithm	4-step (Li)								
Output	AC output	230Vac								
	USB (5V 2.4A)	DC output*2pcs								
	USB (12V 1A)	DC output*1pcs								
Lithium Battery	Energy	960Wh	1280Wh	1532Wh	2560Wh	6400Wh	2560Wh	3840Wh	6400Wh	
	Nominal voltage	12.8V			25.6V			25.6V		
	Standard charging & discharge current	50A			50A	50A	100A	50A	50A	100A
	Maximum continuous charging & discharge current	100A			100A	100A	200A	100A	100A	200A
	Operation temperature	Charge	0~45°C							
Discharge		-10~60°C								
Dimension	Product Size (LxWxH) (mm)	379*254*498.5			379*254*498.5			351*300*538.5		
	Packing Size (LxWxH) (mm)	467*342*670			467*342*670			439*388*690		
	Net Weight (kg)	/	24	31	/	/	/	39.5	/	
	Gross Weight (kg)	/	35	42	/	/	/	55	/	

The technical specifications of this document are subject to change without any notice