

ALL-IN-ONE ENERGY STORAGE SOLAR SYSTEM

MUST®

May the power be with you



HBP1800 MT Series

The HBP1800 MT power station is an exceptional device that boasts a 3072Wh or 5120Wh LiFePO4 battery pack and a pure sine wave solar inverter rated at 3000W or 5200W. Unlike its competitors, this power station is capable of powering your entire party, family camping trip, cabin workshops, or even your entire home for up to two days during unexpected power outages. With 11 outlets and a maximum capacity, it can easily power all your devices, including laptops, air conditioners and more.

3000W / 5200W
Pure sine wave inverter

3072wh / 5120wh
Energy storage

6000+
Charge cycle @ 80% DOD,25°C

24/7
UPS Plug & play use

11 Output ports
for DC load

- + 3072Wh / 12288Wh LiFePO4, 4000+ Cycles to 80% Capacity
- + 3KW/5.2KW Pure Sine Wave Output
- + Flexible UPS Mode(24/7)
- + Movable Power Station
- + Off-grid Energy Storage
- + Multiple Devices Can Be Loaded Simultaneously
- + Flexible Recharging Way To Keep Your HBP1800 MT Always On
- + App Remote Control

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Specifications

MODEL		HBP18-3024MT	HBP18-5248MT
Inverter	Rated power	3000W	5200W
	Output voltage waveform	Pure sine wave	
	Output voltage regulation	230Vac ±5%	
	Output frequency	50Hz / 60Hz (±0.2Hz)	
	Peak efficiency	90%	93%
	Nominal DC input voltage	24Vdc	48Vdc
	Standby Consumption	< 25W	
PV Input	Max solar power input	1800W	5000W
	PV max charging current	60A	100A
	Combined charging current	80A	140A
	Max efficiency	98.0% max	
	PV array open circuit voltage	145Vdc	450Vdc
	PV Array MPPT Voltage Range	30~120Vdc	150~430Vdc
AC Input	AC input voltage	230Vac ±5%	
	Acceptable input voltage range	90-280Vac	170-280Vac
	Nominal input frequency	50Hz / 60Hz (Auto detection)	
	Transfer time	10ms typical (UPS, VDE); 20ms typical (APL)	
AC Charge	Charging current @ Nominal input voltage	20A/30A	80A
	Charging Algorithm	4-step (Li)	
Output	AC output	230Vac (Socket *4pcs)	
	Type-C	DC output*1pcs	
	USB (5V 2.4A)	DC output*4pcs	
	USB (12V 1A)	DC output*2pcs	
Lithium Battery	Energy	3072Wh	5120Wh
	Nominal voltage	25.6V	51.2V
	Battery capacity	120Ah	100Ah
	Protection board	50A	30-100A
	Standard charging & discharge current	50A	100A
	Operation temperature	Charge	10~50°C
		Discharge	-20~55°C
Dimension	Product Size (LxWxH) (mm)	277*452*509mm	
	Packing Size (LxWxH) (mm)	/	
	Net Weight (kg)	/	/
	Gross Weight (kg)	/	/

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