

SOLAR ENERGY STORAGE SYSTEM

May the power be with you



HBP1700 Series

The MUST HBP1700 Series is with a Front Terminal Gel VRLA Battery energy storage, rated pure sine wave AC inverter 1000W/2000W/3000W. Versatile energy storage system as your home strong back up, reliable access to power sources anytime. This class-leading power station brings you the power to run your daily consumes, family camping trip, cabin workshops, or even whole house for a day or two days power back up depending on your demands.

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

24/7
UPS Plug & play use

10 Output ports
for diffenert loads



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.



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

SOLAR ENERGY STORAGE SYSTEM HBP1700 SERIES

MUST®

Specifications

MODEL			HBP17-1012		HBP17-2024		HBP17-3024	
Inverter	Rated power		1000W		2000W		3000W	
	Output voltage waveform		Pure sine wave					
	Output voltage regulation		230Vac±5%					
	Output frequency		50Hz or 60Hz (±0.2Hz)					
	Peak efficiency		93%					
	Nominal DC input voltage		12Vdc		24Vdc		24Vdc	
	Standby Consumption		<25W					
PV Input	Max solar power input		625W		1500W		2000W	
	PV max charging current		60A					
	Combined charging current		70A		80A			
	Max efficiency		98.0% max					
	PV array open circuit voltage		105Vdc		145Vdc		145Vdc	
	PV Array MPPT Voltage Range		15~105Vdc		30~120Vdc		30~120Vdc	
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		10A-20A		20A-30A		20A-30A	
Output	AC output		230Vac (Socket *3pcs)					
	Type-C		DC output*1pcs					
	USB (5V 2.4A)		DC output*4pcs					
	USB (12V 1A)		DC output*2pcs					
Battery	Energy		1200Wh	1800Wh	2400Wh	3600Wh	2400Wh	3600Wh
	Nominal voltage		12V		24V		24V	
	Battery capacity		100Ah	150Ah	100Ah	150Ah	100Ah	150Ah
	Operation ambient temperature	Charge	-20~50°C					
		Discharge	-20~50°C					
Storage		-20~50°C						
Dimension	Product Size (LxWxH)		522*262*461		524*306*717.5			
	Packing Size (LxWxH)		624*364*506		626*408*762			
	Net Weight		46	57.5	/	106	/	108
	Gross Weight		58	69.5	/	123	/	125

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