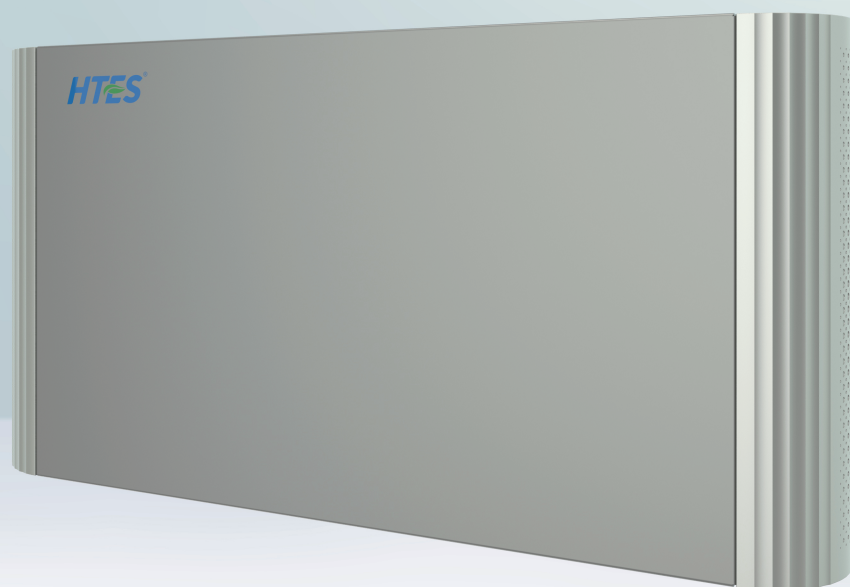


HELIOS H5000

MODEL: HTBP-48V100

RESIDENTIAL ENERGY STORAGE SYSTEM



CAPACITY

5.12kWh Modular

Modular design

IP 54

High-Performance Battery Cell

Long Lifespan



Modular design



Built-in System Protection



Ultra-High Space Utilization



HELIOS H5000

MODEL: HTBP-48V100

Stackable modular design_You can expand the battery capacity as desired

Product Series	HELIOS H5000	
Modular	HTBP-48V100	
Rated Voltage	51.2V	
Voltage Range	44.8V-57.6V	
Rated Energy	5.12kWh @0.2C,25°C	
Rated DC power	2.56kW	
Usable Energy	4.10kWh @0.2C,25°C	
Charge/Discharge Current	Standard 50A @25°C	
DoD	80%	
Modules Connection	1~4 	
Scalability	5.12/10.24/15.36/20.48	
Protection Features	Overvoltage/Undervoltage/Overcurrent/Short Circuit/Over Temperature/Under Temperature Protection	
IP	IP54	
Cycle Life	≥6000Cycle 80%DOD,@25°C	
Dimensions (W*H*D)	652*365*152mm (Size with decorative cover included: 700*365*152mm)	
Weight	45±1kg	
Operating Temperature	charge: 0~ +45°C, discharge: -20~ +45°C	
Altitude	0~4000m(Derating applies above 2000m)	
Warranty	10 years (@80%DoD@0.2C@25°C)	
Certification	Transportation	UN38.3
	Certification	IEC 62619(Cell) IEC 62619(Pack) IEC 63056(Pack) IEC 62040(Pack)

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Made in China