



Harnessing the power of nature

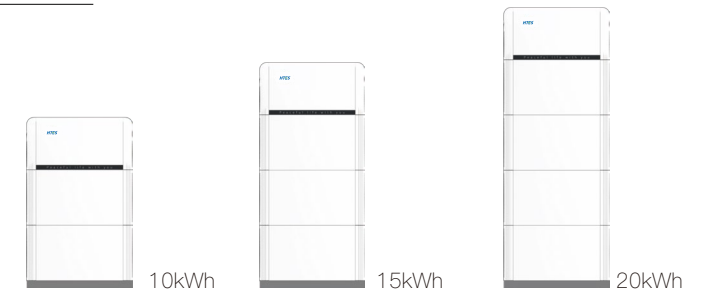
HELIOS H5000

HTESS-10-20K/48B

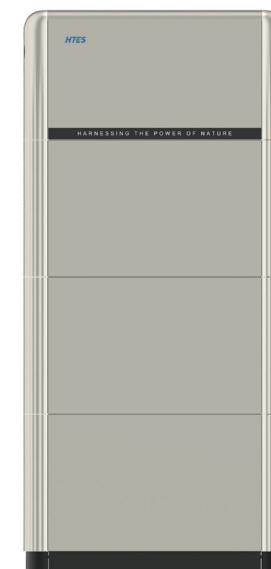
RESIDENTIAL ENERGY STORAGE SYSTEM

A System Integrator and Service Provider for Global Energy Interconnection

Residential energy storage system 10–20kWh



Stackable modular design_ Free combination and matching



PRODUCT PERFORMANCE	NUMERICAL VALUES		
Product model	HTESS-10K/15K/20K 48B		
Rated voltage	51.2V		
Voltage range	44.8V-57.6V		
Rated capacity	200Ah @0.2C,25°C	300Ah @0.2C,25°C	400Ah @0.2C,25°C
Rated energy	10.24kWh @0.2C,25°C	15.36kWh @0.2C,25°C	20.48kWh @0.2C,25°C
Charge/discharge current	Standard 20A @25°C, Max100A @25°C (single battery pack)		
Communication method	CAN/RS485		
Expansion capability	4P		
Self-discharge	≤3%/M		
Protection function	Over-voltage & under-voltage protection / over-current protection / short-circuit protection / over-temperature / under-temperature protection, etc.		
Protection level	IP54		
Cooling method	Natural cooling		
Cycle life	≥6000 time 80%DoD,@25°C		
Size (W*H*D)	700±2*1125±2*152±2	700±2*1490±2*152±2	700±2*1855±2*152±2
Weight	105±1 kg	150±1 kg	195±1 kg
Operating temperature	Charge: 3~ +55°C, Discharge: -20~ +55°C		
Altitude	0~2000m		