



Harnessing The Power Of Nature

HELIOS H7000

Residential Li-ion Energy Storage System

High voltage version



A System Integrator and Service Provider for Global Energy Interconnection

Residential Li-ion Energy Storage System 7-15 kWh



Stackable modular design_ Free combination and matching

Quick-connect connector

(Able to withstand 1500V DC voltage, high protection level of IP67, double anti-misinsertion design, and capable of 360° rotation)

High resilience rubber cushioning pad

(Non-scratch installation box, serving as a limit function, not rotting under wind and sun)

High-performance LFP battery

(High safety, long cycle life, high energy density, good performance at high temperatures, environmentally friendly)

Mature and reliable BMS

(High reliability, high safety, high adaptability, low maintenance cost, advanced algorithms)

Fixed bracket

(Adjustable and wall-mounted brackets reduce tilting effectively, further improving the safety factor)

Exquisite shell

(Sleek design, small footprint, household appliance appearance, warm colors, better integration with home decor)

Ingenious structure

(The clever design combines the handle with the fixed bracket of the outer shell, improving the neatness of the box)

SOC Display

(Accurate calculation of SOC, with automatic SOC calibration function and individual display for each battery pack, making it more intuitive)

Parameters	HTESS - 7.6 K153C	HTESS - 11.5 K230C	HTESS-15.3K307C
Cell type	Rechargeable Li-ion Battery		
Standard package - string union number	24S1P		
Standard package - rated voltage (V)	76.8		
Standard Package - Nominal Capacity (Ah)	50		
Standard Pack - Nominal Energy (kWh)	3.84		
Standard Pack - Weight (kg)	40±1		
Standard bag - Size (mm)	718±2 * 365±2 * 152±2		
Standard Pack - Level of protection	IP54		
Number of Standard packs (PCS)	2	3	4
System rated voltage (V)	153.6	230.4	307.2
System operating voltage range (V)	134.4 ~ 172.8	201.6 ~ 259.2	268.8 ~ 345.6
System Nominal Energy (kWh)	7.68	11.52	15.36
Rated charge and discharge current (A)	25		
Maximum charge and discharge current (A)	30		
Communication method	CAN/RS485		
System dimensions (L * H * D) (mm)	718 ±2* 1125±2 * 152±2	718±2 * 1490±2 * 152±2	718±2 * 1855±2 * 152±2
System weight (kg)	105±1	148±1	190±1
System protection level	IP54		
Cooling method	Natural Cooling		
Operating temperature (C)	Charge: 3°C-55°C/ Discharge: -20°C-55°C		
Relative humidity range (%)	5 ~ 95%		
Installation method	Landing		
Maximum working altitude (m)	2000		
Factory SOC	30%		

Beware Of Fire Hazzard! Disposal Acc. To Local Regulations!

Color selection :

 Pearl white
(standard optional)

 Zephyr grey
(additional price matching)

 Time's green
(additional price matching)

 Ink blue orchid
(additional price matching)