



HERO-HVS1 series/
Residential energy storage system,
modular high- voltage battery, suitable
for residential energy storage. One set
provides electricity for the whole house.

▲ This picture is for reference only

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Support a variety of communication protocols,
support RS485, RS232, CAN etc
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Modular structure for easy installation
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Long cycle life
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Intelligent battery management system
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LED lights display the parameters of the
equipment in real time
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Supports up to 4 clusters in parallel
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Can be used with hybrid inverter



Basic Parameters	3-module	4-module	5-module	6-module
Nominal Capacity(KWh)	7.68	10.24	12.8	15.36
Cell Matching	48S1P	64S1P	80S1P	96S1P
Working Voltage Range(V)	136.8-172.81	182.4-230.4	228-288	273.6-345.6
Weight (kg)	115	145	175	205
Nominal voltage(V)	153.6	204.8	256.0	307.2
Dimension (WxDxH) (mm)	550x430 x697.5	550x430 x826.5	550x430 x955.5	550x430 x1084.5
Battery Type	LFP(LiFePO4)			
Nominal Working Current	50			
Communication Port	CAN/RS485			
Working Temperature Range	Charge:0-45°C/Discharge:-10-50°C			
Waterproof	IP55			
Installation Method	Floor-standing			
Cycle Life	>6000, 25°C/77°F, 80%DOD			
Peak charge/discharge current(@25°C,5S)	63A			
Discharge rate of Module	≤3.5%/month/@25°C			
Module Series connection/Module	3S~6S			
Parallel connection	4 units in parallel			

Modular free stacking, easy to
use, a variety of choices

