



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, subject to the real thing !



Support a variety of communication protocols, support RS485, RS232, CAN etc



Modular structure for easy installation



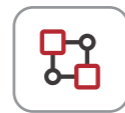
Long cycle life



Intelligent battery management system



LED lights display the parameters of the equipment in real time



Supports up to 16 clusters in parallel



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 | 16 units in parallel | | | |

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

