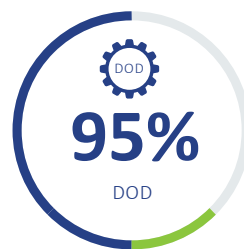


HVES Home H Series

SMART ENERGY
SUSTAINABLE SOLUTIONS ”

5.12 kWh High Voltage Battery



Leading Technology

- Modular design, no connection design, quick installation
- Higher DOD (95%) for more usable energy

Intelligent Platform

- Service for predicting and solving the problems online faster and in time

Ultra Safety

- Built-in aerosol fire-protection system
- Improved heat dissipation structure
- Top-quality lithium iron phosphate for a long-time cycle life

Smart Management

- 24/7 real-time monitoring & remote diagnosis or upgrade

HVES Home H Series

| Model | | HOME-ESS-HV-5.12K | | | | | |
|----------------------------------|--------------------------|-------------------|--------------|--------------|--------------|--------------|--|
| Cell Type | LFP(LiFePO4) | | | | | | |
| Module Energy | 5.12kWh | | | | | | |
| Module Weight | 46Kg | | | | | | |
| Number of Modules | 3 | 4 | 5 | 6 | 7 | 8 | |
| System Structure | | | | | | | |
| Nominal Energy (kWh) | 15.36 | 20.48 | 25.6 | 30.72 | 35.84 | 40.96 | |
| Nominal Voltage (V) | 153.6 | 204.8 | 256 | 307.2 | 358.4 | 409.6 | |
| Operating Voltage Range (V) | 144-172.8 | 192-230.4 | 240-288 | 288-345.6 | 336-403.2 | 384-460.8 | |
| Dimension(W*D*H) (mm) | 650*335*812 | 650*335*995 | 650*335*1178 | 650*335*1361 | 650*335*1544 | 650*335*1727 | |
| Weight (Kg) | 157.50 | 203.50 | 249.50 | 295.50 | 341.50 | 387.50 | |
| Charging Temperature | From -5 to 55°C | | | | | | |
| Discharging Temperature | From -20 to 55°C | | | | | | |
| Depth of Discharge | 95% DOD | | | | | | |
| Nominal Charge/Discharge Current | 100A | | | | | | |
| Max. Charge/Discharge Current | 100A | | | | | | |
| Cycle Life | >6000, 25°C | | | | | | |
| Enclosure Protection Rating | IP65 | | | | | | |
| Cooling Type | Natural convection | | | | | | |
| Humidity | 5%~95% | | | | | | |
| Altitude | <2000 | | | | | | |
| Warranty | 10 years | | | | | | |
| Communication | CAN/RS485/WIFI/Bluetooth | | | | | | |
| Battery Safety | IEC 62619/IEC 62477/CE | | | | | | |
| Transportation Certification | UN38.3 | | | | | | |

*Maximum support for 12 units in series.

IoT Technology Smart Systematic EMS Based on AI

An all-round platform to power your life

- √ Smart control to optimize your energy allocation provide 24/7 automatic monitoring
- √ Thoughtful cloud service for preserving batteries providing remote diagnostics or upgrades
- √ Intelligent technology extends battery life anticipates and resolves potential problems



Product Info



Official Website

info@hanchuess.com
 0510-88865288
 www.hanchuess.com

No.9 Huicheng Road, Huishan District, 214177 Wuxi, Jiangsu, China

HVES Home H Series

| Model | | HOME-ESS-HV-5.12K | | | |
|----------------------------------|--------------------------|-------------------|--------------|--------------|--|
| Cell Type | LFP(LiFePO4) | | | | |
| Module Energy | 5.12kWh | | | | |
| Module Weight | 46Kg | | | | |
| Number of Modules | 9 | 10 | 11 | 12 | |
| System Structure | | | | | |
| Nominal Energy (kWh) | 46.08 | 51.2 | 56.32 | 61.44 | |
| Nominal Voltage (V) | 460.8 | 512.0 | 563.2 | 614.4 | |
| Operating Voltage Range (V) | 432-518.4 | 480-576 | 528-633.6 | 576-691.2 | |
| Dimension(W*D*H) (mm) | 650*335*1910 | 650*335*2093 | 650*335*2276 | 650*335*2459 | |
| Weight (Kg) | 433.50 | 479.50 | 525.5 | 571.50 | |
| Charging Temperature | From -5 to 55°C | | | | |
| Discharging Temperature | From -20 to 55°C | | | | |
| Depth of Discharge | 95% DOD | | | | |
| Nominal Charge/Discharge Current | 100A | | | | |
| Max. Charge/Discharge Current | 100A | | | | |
| Cycle Life | >6000, 25°C | | | | |
| Enclosure Protection Rating | IP65 | | | | |
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