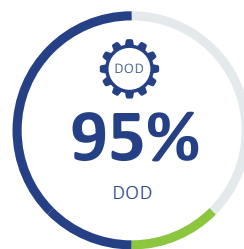




# HVES Home H Series

2.7 kWh High Voltage Battery

SMART ENERGY  
SUSTAINABLE SOLUTIONS ”



### Leading Technology

- Optimized compact modular design enables higher flexibility in installation and operation
- Higher DOD (95%) for more usable energy
- Extreme lightness and thinness for single person rapid installation

### 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-2.7K									
Cell Type	LFP(LiFePO4)										
Module Energy	2.7kWh										
Module Weight	25.4Kg										
Number of Modules	3	4	5	6	7	8	9	10	11	12	
System Structure											
Nominal Energy (kWh)	8.1	10.8	13.5	16.2	18.9	21.6	24.3	27.0	29.7	32.4	
Nominal Voltage (V)	153.6	204.8	256	307.2	358.4	409.6	460.8	512.0	563.2	614.4	
Operating Voltage Range (V)	144-172.8	192-230.4	240-288	288-345.6	336-403.2	384-460.8	432-518.4	480-576	528-633.6	576-691.2	
Dimension(W*D*H) (mm)	650*225*728	650*225*890	650*225*1052	650*225*1214	650*225*1376	650*225*1538	650*225*1700	650*225*1862	650*225*2024	650*225*2186	
Weight (Kg)	89.05	114.40	139.75	165.10	190.45	215.80	241.15	266.50	291.85	317.20	
Charging Temperature	From -5 to 55°C										
Discharging Temperature	From -20 to 55°C										
Depth of Discharge	95% DOD										
Nominal Charge/Discharge Current	25A										
Max. Charge/Discharge Current	50A										
Cycle Life	>6000, 25°C										
Enclosure Protection Rating	IP65										
Cooling Type	Natural convection										
Humidity	5%~95%										
Altitude	<2000										
Warranty	12 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

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