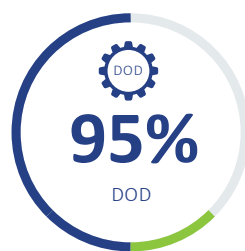




# HVES Home H Series

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(LiFePO <sub>4</sub> )						
Module Energy	2.7kWh						
Module Weight	25.4Kg						
Number of Modules	3	4	5	6	7	8	
System Structure							
Nominal Energy (kWh)	8.1	10.8	13.5	16.2	18.9	21.6	
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*225*728	650*225*890	650*225*1052	650*225*1214	650*225*1376	650*225*1538	
Weight (Kg)	89.05	114.40	139.75	165.10	190.45	215.80	
Charging Temperature	From 0 to 50°C						
Discharging Temperature	From -10 to 60°C						
Depth of Discharge	95% DOD						
Nominal Charge/Discharge Current	25A						
Max. Charge/Discharge Current	50A						
Cycle Life	>6000, 25°C						
Ingress Protection Degree	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-RED/CE-EMC						
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-2.7K			
Cell Type	LFP(LiFePO <sub>4</sub> )				
Module Energy	2.7kWh				
Module Weight	25.4Kg				
Number of Modules	9	10	11	12	
System Structure					
Nominal Energy (kWh)	24.3	27.0	29.7	32.4	
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*225*1700	650*225*1862	650*225*2024	650*225*2186	
Weight (Kg)	241.15	266.50	291.85	317.20	
Charging Temperature	From 0 to 50°C				
Discharging Temperature	From -10 to 60°C				
Depth of Discharge	95% DOD				
Nominal Charge/Discharge Current	25A				
Max. Charge/Discharge Current	50A				
Cycle Life	>6000, 25°C				
Ingress Protection Degree	IP65				
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