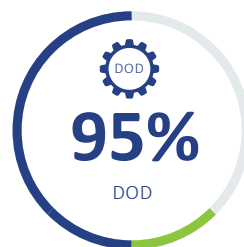




HVES Home H Series

HOME-ESS-HV-5.12K

SMART ENERGY
SUSTAINABLE SOLUTIONS „



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(LiFePO ₄)					
Module Energy	5.12kWh					
Module Weight	43Kg					
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*355*812	650*355*995	650*355*1178	650*355*1361	650*355*1544	650*355*1727
Weight (Kg)	148	191	234	277	320	363
Charging Temperature	From 0 to 50°C					
Discharging Temperature	From -10 to 60°C					
Depth of Discharge	95% DOD					
Nominal Charge/Discharge Current	50A					
Max. Charge/Discharge Current	100A					
Cycle Life	>6000, 25°C					
Ingress Protection Degree	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-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-5.12K			
Cell Type	LFP(LiFePO ₄)				
Module Energy	5.12kWh				
Module Weight	43Kg				
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*355*1910	650*355*2093	650*355*2276	650*355*2459	
Weight (Kg)	406	449	492	535	
Charging Temperature	From 0 to 50℃				
Discharging Temperature	From -10 to 60℃				
Depth of Discharge	95% DOD				
Nominal Charge/Discharge Current	50A				
Max. Charge/Discharge Current	100A				
Cycle Life	>6000, 25℃				
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