

HS100

Low Voltage Residential Energy Storage



High Security

Use LiFePO₄ battery cell to ensure higher safety and longer cycle life.



Wide Applications

For load shifting, self-consumption, backup power, etc.



Easy Maintenance

External interface adopts quick plug connector.



Easy Installation

Floor stand (standard), Wall mount (optional).

HS100

huafon ESS

Model	HS1005	HS10010	HS10015
Battery			
Battery Type	LFP		
Usable Capacity	5.12kWh	10.24kWh	15.36kWh
Nominal Voltage	51.2V		
Operating Voltage Range	44.8V ~ 57.6V		
Rated. Charging / Discharging Current	50A	100A	100A
Max. Charging / Discharging Current	100A	120A	120A
Depth of Discharge (DoD)	90%		
Cycle Life	6000 times *		
Communication			
Module Connection	/	2 in Parallel	3 in Parallel
Communication	CAN, RS485		
General Specification			
Dimension (W*D*H)	600*250.5*615mm	600*250.5*1095mm	600*250.5*1580mm
Weight	69±3kg	132±3kg	195±3kg
IP Protection	IP65		
Installation	Floor Stand (Standard), Wall Mounted (Optional)		Floor Stand (Standard)
Operating Temperature	Charging: 0°C ~ 55 °C; Discharging: -20°C ~ 55°C		
Storage Temperature	-20°C ~ 55°C		
Cooling	Natural Convection		
Relative Humidity	0% ~ 95% RH		
Max. Operating Altitude	3000m		
Compatible Inverters	Megarevo / Deye / Growatt / Ginlong		
Standard & Certification			
Transport Testing Requirement	UN38.3		
Safety	IEC62619, IEC60730		
EMC	CE-EMC EN 61000-6-1 / -3		

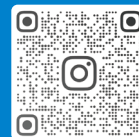
* @25°C, 0.5C charging and discharging, 90%DoD

Product adapts to multiple brands of inverters, feel free to contact sales if any.

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