

HS50B

High Voltage Residential Energy Storage



10.24KWH~20.48KWH
Capacity



IP65
IP Protection



6000 TIMES
Cycle Life



-20°C
Low Working Temperature



High Security
LiFePO4 battery cell & self-developed
BMS to ensure higher protection degree



Smart Screen
Visible working status
at a glance



Easy Installation
Modular design,
plug and play

Model	HS5010	HS5012	HS5015	HS5017	HS5020
Battery					
Battery Type	LFP				
Usable Capacity	10.24kWh	12.8kWh	15.36kWh	17.92kWh	20.48kWh
Nominal Voltage	204.8V	256V	307.2V	358.4V	409.6V
Operating Voltage Range	179.2~230.4V	224~288V	268.8~345.6V	313.6~403.2V	358.4~460.8V
Rated. Charging / Discharging Current	25A				
Max. Charging / Discharging Current	50A				
Depth of Discharge (DoD)	90%				
Cycle Life	6000 Times ¹				
Communication					
Module Connection	4 in Series	5 in Series	6 in Series	7 in Series	8 in Series
Communication	CAN, RS485				
General Specification					
Dimension (W*D*H) (mm)	580*400*800	580*400*950	580*400*1100	580*400*1250	580*400*1400
Weight	134±0.5kg	162±0.5kg	190±0.5kg	218±0.5kg	246±0.5kg
IP Protection	IP65				
Installation	Floor Stand				
Scalability	Support 4~8 packs in parallel with capacity expanded up to 20.48kWh				
Operating Temperature	Charging: 0°C ~ 55°C; Discharging: -20°C ~ 55°C ²				
Storage Temperature	-20°C ~ 55°C				
Cooling	Natural Convection				
Relative Humidity	5%~95% RH				
Max. Operating Altitude	2000m				
Compatible Inverters	Adapt to the mainstream brand inverter in the market				
AI Platform	Cloud (Web), App (Mobile)				
Standard Compliance					
Transport Testing Requirement	UN38.3				
Safety	IEC62619, IEC60730, IEC62477				
EMC	CE-EMC EN 61000-6-1 / -3				

*1 @25°C, 0.5C Operating, 90% DoD

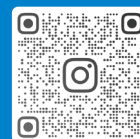
*2 Working temperature can be low to -20°C

Zhejiang Huafon ESS Technology Co., Ltd.

✉ service-ess@huafeng.com

🌐 www.huafon-ess.com

📍 3F, Huafeng International Business Building, 200 Xinye Road, Shangcheng District, Hangzhou, Zhejiang
Xincheng Industrial Park, Xingcheng Sub-district, Rui'an City, Wenzhou City, Zhejiang Province



INS: huafoness