

# FSSB HP-10

## Embedded Household Energy Storage Lithium Battery System

### Product introduction

The FSSB HP-10 battery system adopts an ultra-thin streamlined design style, consisting of 51.2V battery modules. A single set of the battery system has a capacity of 10.24kWh and supports two installation methods: floor-standing and wall-mounted. It can be connected in parallel with up to 10 sets, expanding the capacity to 102kWh.



### Product features

- **Minimalist Design**

The appearance parts are made by stamping process, formed in one step

- **Smart Home**

Supports Bluetooth functionality,  
and the mobile app can monitor the battery status in real-time

- **High Security**

Multiple layers of protection, with an optional built-in fire extinguishing pack

- **Easy to install**

The battery module achieves automatic address allocation, no need for DIP switches

- **Wide compatibility**

Compatible with 20+ brand inverters

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### Product specifications

Parameter items	FSSB HP-10
Cell type	LFP
Nominal voltage	51.2V
Operating voltage range	45.0-56.4V
Number of modules	1
Single-cluster power	10.24kWh
Continuous output power	5kW
Peak output power	5.6kW, 10s
Maximum charge current	50A
Maximum discharge current	100A
Charge and discharge efficiency	≥97%
General	
Dimensions (W x H x D)	570mm x 860mm x 170mm
Weight	91kg
Communication	CAN/RS485
Installation	Floor/Wall-Mounted
Operating temperature	Charging: 0 ~ 50°C; Discharging: -15 ~ 50°C; Recommend: 15 ~ 35°C
Protection grade	IP65
Operating altitude	≤4000m
Scalability	1 ~ 10
Safety/Standards	
Certification	CE-EMC、UN38.3、IEC62619