



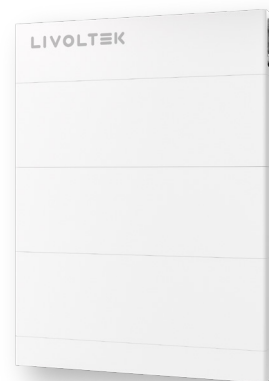
Residential Lithium Battery

BHF HV Battery System: BHF-S10.2/S15.3/S20.4/S25.6/S30.7

The livoltek BHF HV Battery System is ideal for new installation of residential energy storage system. With high energy density, high efficiency, modular stacking design and IP65 rating, BHF series battery is space-saving for indoor and outdoor installation. Up to 30 kWh system can fit your high energy demand.

Features

- IP65 supporting indoor and outdoor installation
- Long cycle life and safest prismatic LFP batteries
- Remote fault diagnosis, upgrade and maintenance
- Reliable performance: high efficiency, high energy density and 90% DOD
- Modular stacking design, easy installation, supporting floor and wall mounting



Safe to Use



Long Cycle Life



Modular Expansion



Reliable Performance

Compatible Products



Hybrid Inverter



Monitoring System

Specifications

Module	BHF-S10.2	BHF-S15.3	BHF-S20.4	BHF-S25.6	BHF-S30.7
Nominal Voltage	204.8V	307.2V	409.6V	512V	614.4V
Operating Voltage Range	160V~233.6V	240V~350.4V	320V~467.2V	400V~584V	480V~700.8V
Battery Module	BHF-B10250: 102.4V 50Ah 5.12kWh 53kg				
Number of Modules	2	3	4	5	6
Total Energy	10.24kWh	15.36kWh	20.48kWh	25.6kWh	30.72kWh
Usable Energy	9.22kWh	13.82kWh	18.43kWh	23.04kWh	27.65kWh
Rated Capacity	50Ah				
Nominal Power	5kW	8kW	10kW	13kW	15kW
Max. Power	7kW	11kW	15kW	18kW	22kW
Recommend Charge/Discharge Current	25A				
Max. Charge/Discharge Current	36A				
Cycle Life	6000 Cycles ^[1]				
Expected Life Time/Warranty	10 Year				
Operating Temperature Range	Charge: 0°C~55°C/Discharge: -20°C~55°C				
Storage Temperature	-20°C~55°C				
Operating Humidity	5%-95%				
Operating Attitude	Below 3000m				
Protection Degree	IP65				
Installation Location	Wall-mounted / Ground-mounted				
Battery to Inverter Communication	CAN				
Battery to Battery/BMS	CAN				
Certificate	CE,UN38.3,IEC62619,IEC62040				
Protective Level	I				
Dimensions(W×H×D mm)	870*878*200	870*1167*200	870*1455*200	870*1167*200 870*878*200	870*1455*200 870*878*200
Net Weight	119kg	172kg	228kg	281kg	334kg

[1]: est conditions: 0.2C Charging/Discharging, @25°C, 80% DOD, 60% EOL.