

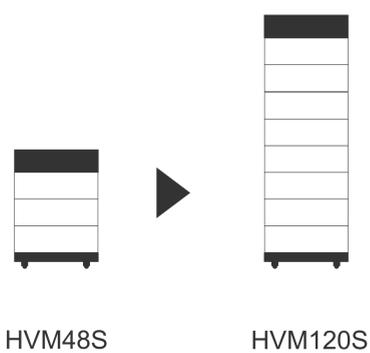
HIGH VOLTAGE LiFePO₄ BATTERY HVM15~120S100BL

HVM BATTERY FEATURES

- Capable of High-Powered Emergency-Backup and Off-Grid Functionality
- Highest Efficiency Thanks to a Real High-Voltage Series Connection
- The Patented Modular Plug Design Requires no Internal Wiring and Allows for Maximum Flexibility and Ease of Use
- Grand A Lithium Iron Phosphate (LFP) Battery: Maximum Safety, Life Cycle, and Power
- Compatible With Leading High Voltage Battery Inverters
- Highest Safety Standards



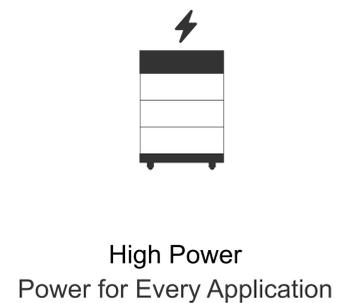
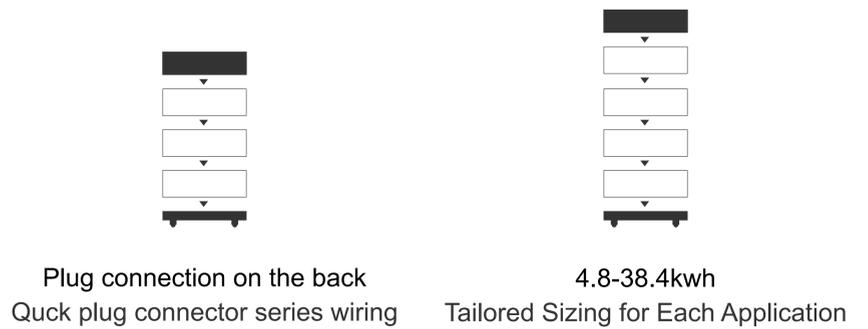
HVM BATTERY MODULES



One HVM battery system is composed of 3 to 8 HVM battery modules that are connected in series to achieve a usable capacity of 14.4 to 38.2 kWh.

Ability to scale by adding HVM modules later.

FLEXIBLE, EFFICIENT, SIMPLE



| | | | | | | | | |
|-----------------------------------|---------------------------------|---------------|---------------|---------------|---------------|---------------|----------------|----------------|
| System Demo | | | | | | | | |
| Battery Module | HVM15S100BL (4.8KWh, 48V, 39kg) | | | | | | | |
| Number of Modules | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| Energy Capacity | 100Ah | 100Ah | 100Ah | 100Ah | 100Ah | 100Ah | 100Ah | 100Ah |
| Emergy Capacity | 4.8KWh | 9.6KWh | 14.4KWh | 19.2KWh | 24KWh | 28.8KWh | 33.6KWh | 38.4KWh |
| Size(L×W×H) | 574×395×134mm | 574×395×302mm | 574×395×470mm | 574×395×638mm | 574×395×806mm | 574×395×974mm | 574×395×1142mm | 574×395×1310mm |
| Weight | 49kg | 88kg | 127kg | 166kg | 205kg | 244kg | 283kg | 322kg |
| Standard Charge/Discharge Current | 75A | 75A | 100A | 100A | 100A | 100A | 100A | 100A |

General

| | |
|-------------------------|------------------------------|
| Battery Type | Lithium Iron Phosphate (LFP) |
| Nominal Voltage | 48V |
| Operating voltage Range | 40- 54.7V |
| IP Protection | IP65 |
| Installation | Floor installation |
| Operation Temperature | -10~60°C |

Features

| | |
|----------------------------|---|
| BMS Monitoring Parameters | SOC, System voltage,current, cell voltage, cell temperature, PCBA temperature measurement |
| Communication Port | CAN |
| Waranty: 5 years /10 years | Yes/optional |

Grade A quality LifePo4 battery, more than 6000 cycles in 80% DOD @25°C

Battery discharge: -10°C~60°C, battery charge: 0°C~60°C

Compatible with 90~400V high voltage inverter/UPS