

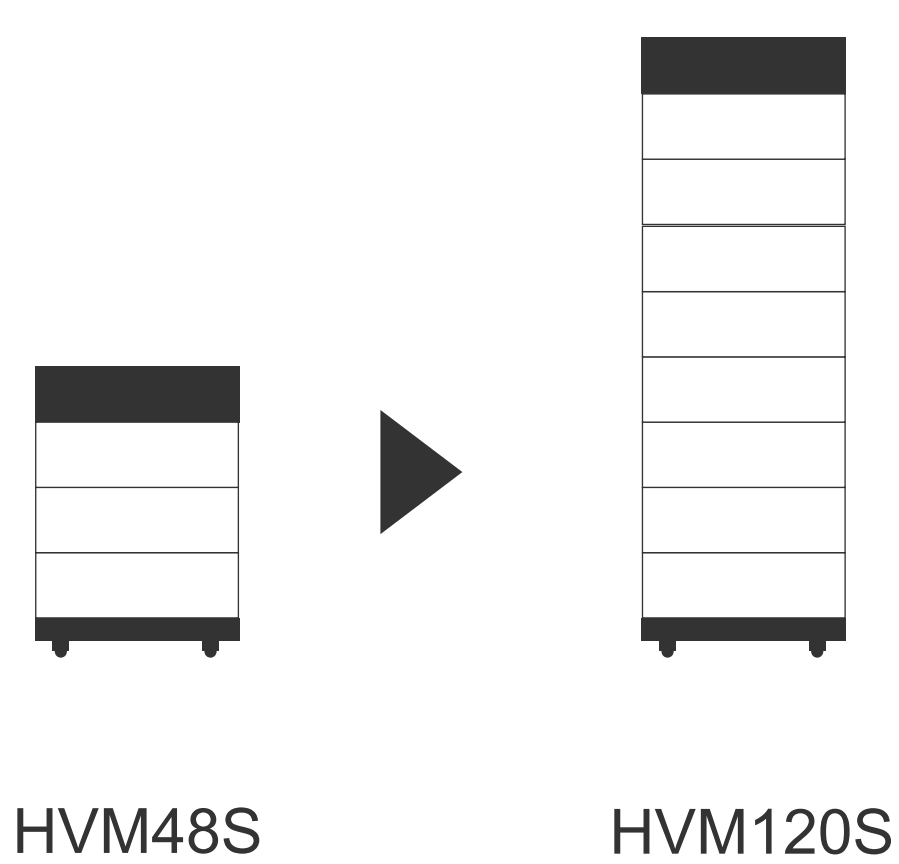
HIGH VOLTAGE LiFePO₄ BATTERY HVM15~120S100BL

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



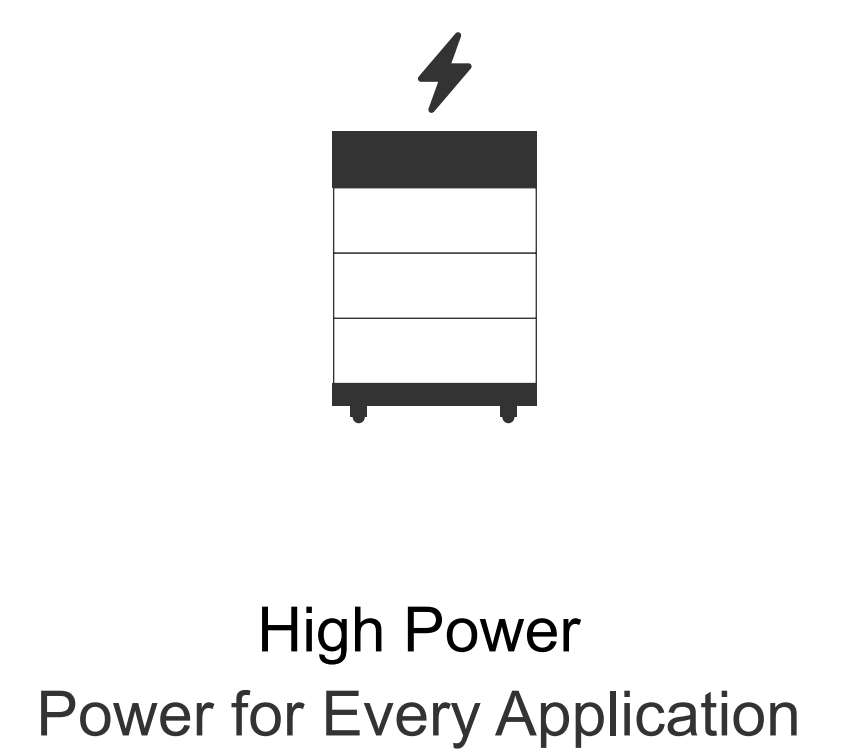
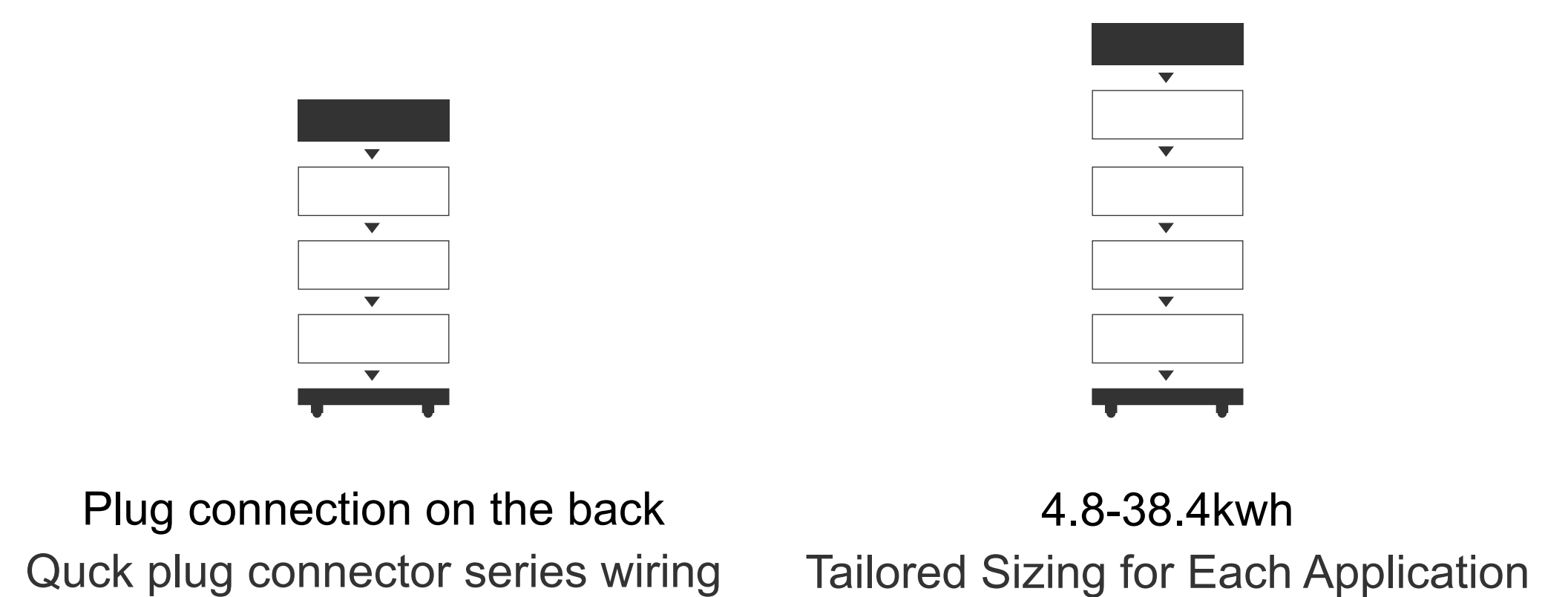
HVM BATTERY MODULES



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℃

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