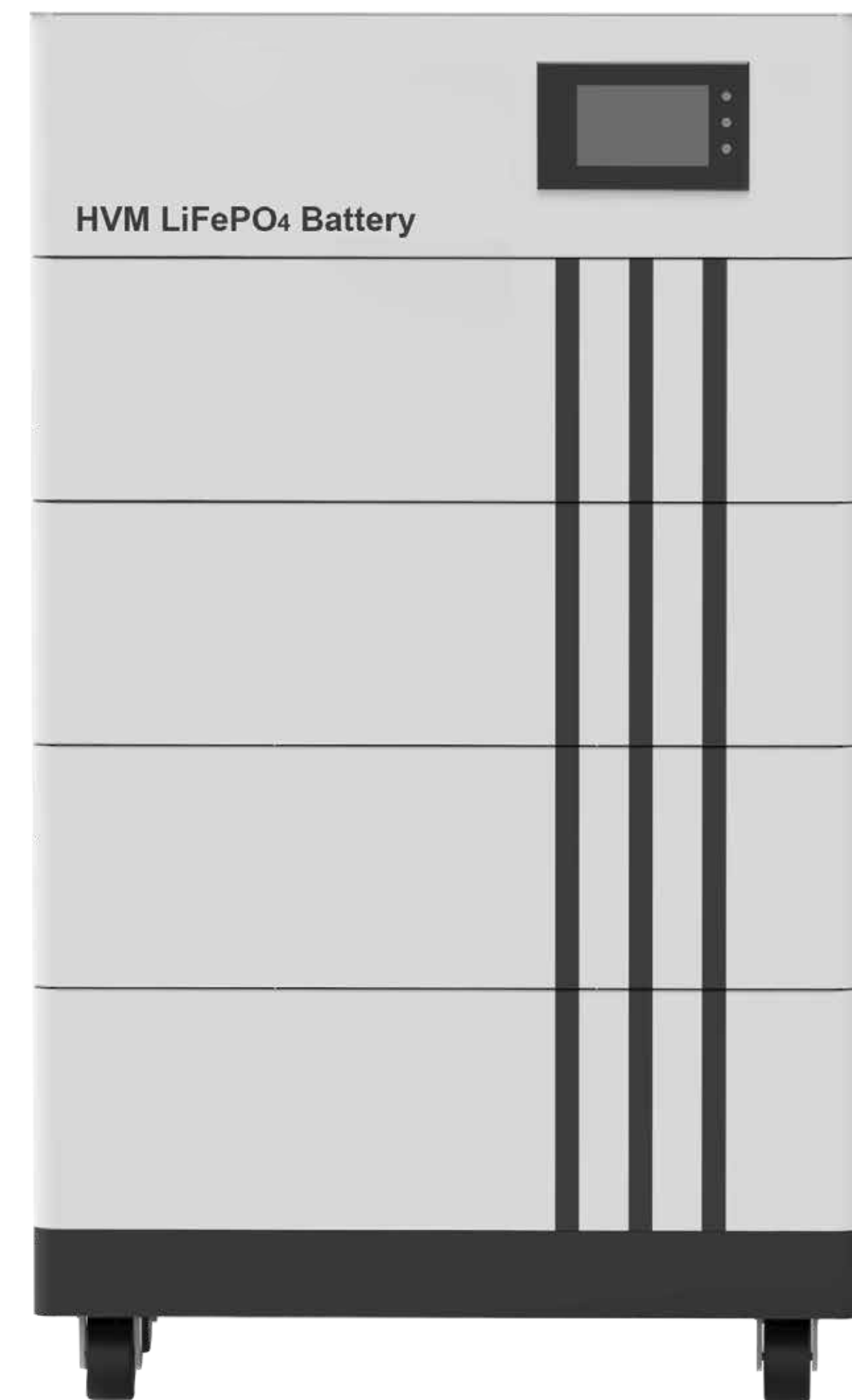
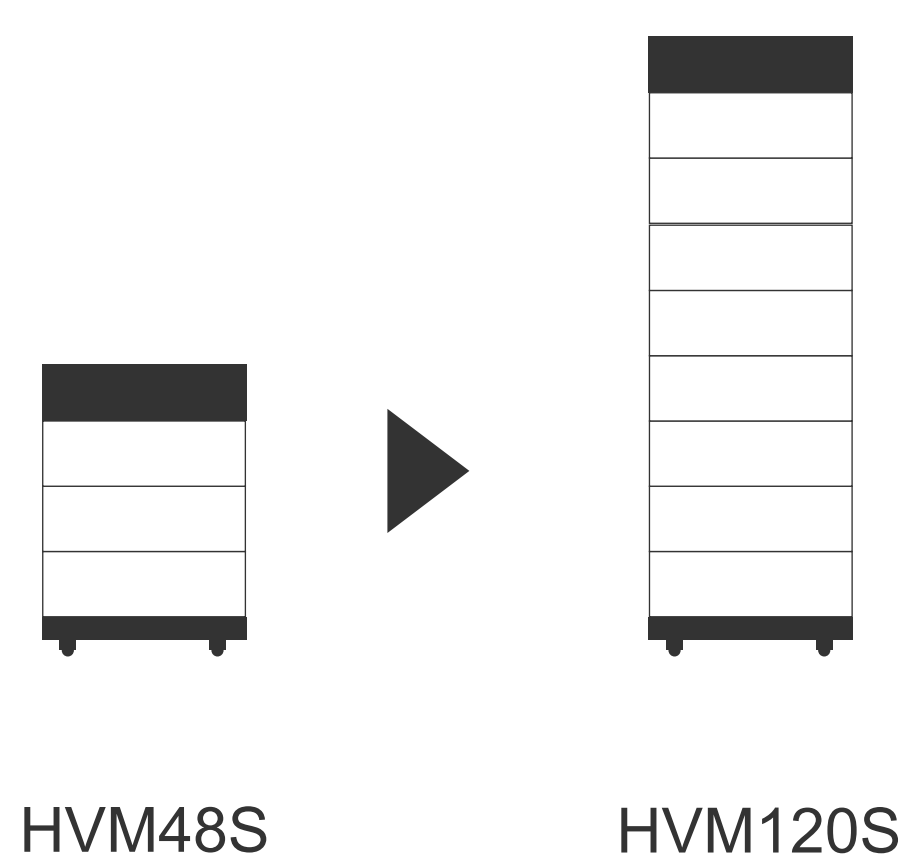


HVM BATTERY FEATURES

- 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



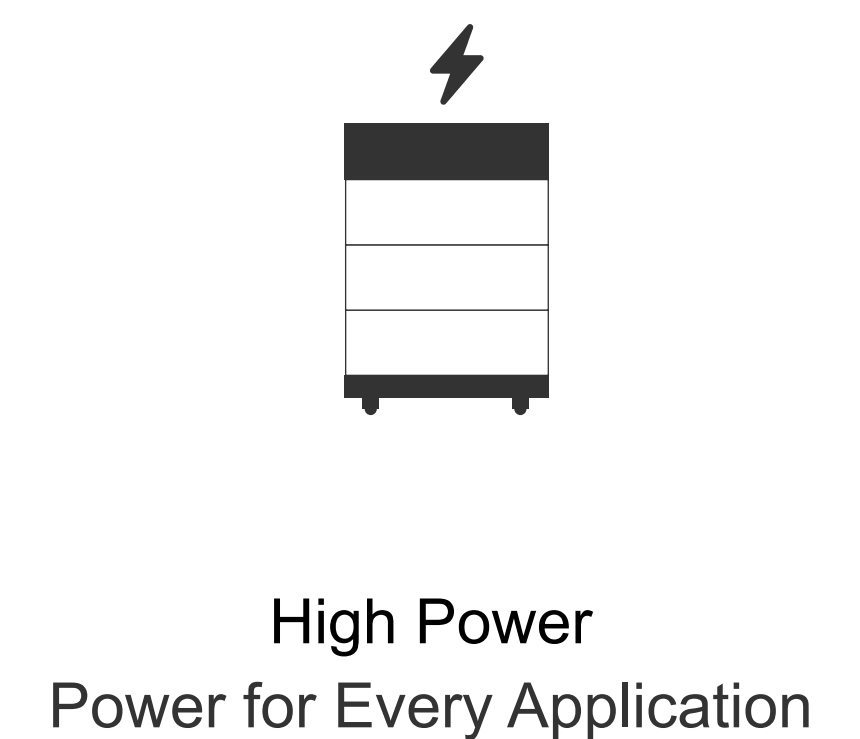
HVM BATTERY MODULES



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



Datasheet	HVM15S100BL	HVM30S100BL	HVM45S100BL	HVM60S100BL	HVM75S100BL	HVM90S100BL	HVM105S100BL	HVM120S100BL
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