



HV5120-S1

High voltage stacked battery



Quick Stacking

- Stacking installation
- Blind mate connection



Flexible configuration

- Easy series expansion
- Convenient parallel expansion



Highly compatible

- Adaptation to mainstream inverters
- Automatic addressing

SYSTEM PARAMETER

Item	HV5120-SI
Cell type	LiFePO4
Nominal energy	5.12kWh
Nominal capacity	50Ah
Rated voltage	102.4Vdc
Operating voltage range	91.2Vdc~115.2Vdc
Maximum charge/discharge current	25A/ 40A
DOD	95%
Communication	RS485, CAN, WIFI
Expansion	1000V System (Up to 8 battery modules can be connected in series)
Dimensions (W*D*H)	Control box + base: 636*330*265 mm Single cell layer:636*330*188 mm
Weight	Control box + base: ≈28kg Single module layer: ≈48kg
Temperature	Charge: -10~50°C; Discharge: -20~50°C
Humidity	5~95%RH, No condensation
Altitude	< 2000m
Protection level	IP65
Installation	Stacked to the ground
Cycle life	> 6000@ 25°C@ 0.5C
Certification	IEC62619/IEC60730/CE/IEC62040/UN38.3/RoHs

 **Address**
No.8, Keji Avenue, Gaocheng
Town, Yixing City, Jiangsu
Province, P.R. CHINA

 **Website**
www.en.febbattery.com

 **Base**
ESS:
Yixing,China

Cylindrical Cell:
Yichun,China

 **Far East Greater Bay Area
Headquarters**
34F, Block C, Hongrongyuan
Huanzhi Center, Longhua District, Shenzhen

 **Customer Service Center**
2nd Floor, No. 1, Lane 1619, Pingxingguan
Road, Jing'an District, Shanghai

 **Sales Office**
ASIA: Shenzhen&Shanghai, China
EUR: Rotterdam, Netherland
Milano, Italy
Frankfurt, Germany
Santiago de Chile, Chile

 **Service Center
& Warehouse**
EUR: Rotterdam, Netherland
Frankfurt, Germany
Fermo, Italy