

Energy Storage Battery HV Series Focus-H2-100



KEY FEATURES



Ultra Safe

Intelligent fire extinguishing system



Long-term Warranty

10-year product warranty



Automatic Self-heating

-20°C~55°C operating temperature(optional)



Flexible Investing

Expandable to 15.36-61.44kWh
Compatible with major brand inverters



Wi-fi Connectivity

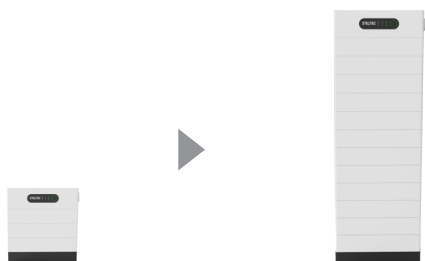
Built-in Wi-Fi,
supports APP OTA upgrade



IP65 Protection

Fearless of outdoor installation,
strong environmental adaptability

HV Series Focus-H2-100



Min.3 modules

Max.12 modules in series

Maximum capacity of

61.44kWh

Product type	STE-BCO-100-XS			
High Voltage Box	STE-BCO-100			
Number of Battery Modules	3	6	9	12
Battery System Capacity	15.36kWh	30.72kWh	46.08kWh	61.44kWh
Battery System Voltage	153.6V	307.2V	460.8V	614.4V
Operating Voltage Range	136.8~172.8V	273.6~345.6V	410.4~518.4V	547.2~691.2V
Dimension (W*D*H)	680*420*720(mm)	680*420*1140(mm)	680*420*1560(mm)	680*420*1980(mm)
Weight	178kg	322kg	466kg	610kg
Scalability	Min. 3 modules, Max. 12 modules in series			
Cell Technology	Li-ion(LFP)			
Charge/ Discharge Current (Recommended)	50A			
Charge/ Discharge Current (Max)	100A			
Cooling Method	Natural convection			
Communication Port	RS485, CAN			
Protection Class	IP65			
Environment	Indoor or Outdoor Eaves			
Charging Temperature	-20°C~55°C (with heating) 0°C~55°C (without heating)			
Discharging Temperature	-20°C~55°C			
Humidity	5%~95%			
Max. Operating Altitude	2,500m			
Cycle Life	>8000 @25°C, 0.5C, 90% DOD			
Wi-Fi Module	Built in Wi-Fi module, APP OTA function			
Extended Functions	Thermal aerosol fire extinguishing device (standard) / Heating system (optional)			
Certificates	IEC62619 / IEC61000 / CE / UN38.3 / MSDS			

Each Single Battery Module Specification

Battery Module Model	STE-BHO-5120
Battery Cell Capacity	100Ah
Battery Module Capacity	5.12kWh
Battery Module Voltage	51.2V
High Voltage Box Dimension(W*D*H)	680*420*200mm
High Voltage Box Weight	22kg
Battery Module Dimension(W*D*H)	680*420*140mm
Battery Module Weight	48kg
Battery Base Dimension(W*D*H)	680*420*100mm
Battery Base Weight	12kg