

Energy Storage Battery HV Series Focus-H2-314



KEY FEATURES



Ultra Safe

Intelligent fire extinguishing system



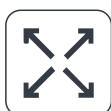
Long-term Warranty

10-year product warranty



Automatic Self-heating

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



Flexible Investing

Expandable to 48.21-241.05kWh
Compatible with major brand inverters



Wi-fi Connectivity

Built-in Wi-Fi,
supports APP OTA upgrade



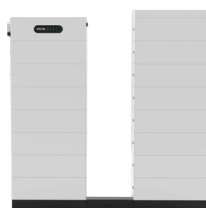
High-Current Terminals

Support up to 200A continuous
charge and discharge current

HV Series Focus-H2-314



Min.3 modules



Max.15 modules in series

Maximum capacity of

241.05kWh

Product type		STE-BCO-314-XS		
High Voltage Box		STE-BCO-314		
Number of Battery Modules	3	7	11	15
Battery System Capacity	48.21kWh	112.49kWh	176.77kWh	241.05kWh
Battery System Voltage	153.6V	358.4V	563.2V	768V
Operating Voltage Range	136.8~172.8V	319.2~403.2V	501.6~633.6V	684~864V
Dimension (W*D*H)	790*500*1100(mm)	790*500*2060(mm)	1630*500*2060(mm)	1630*500*2180(mm)
Weight	391kg	859kg	1332kg	1800kg
Scalability		Min. 3 modules, Max. 15 modules in series		
Cell Technology		Li-ion(LFP)		
Charge/ Discharge Current (Recommended)		157A		
Charge/Discharge Current (Max)		200A		
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-16000
Battery Cell Capacity	314Ah
Battery Module Capacity	16.07kWh
Battery Module Voltage	51.2V
Battery Module Dimension(W*D*H)	790*500*240mm
Battery Module Weight	117kg
High Voltage Box Dimension(W*D*H)	790*500*240mm
High Voltage Box Weight	30kg