

Energy Storage Battery HV Series Focus-H2



KEY FEATURES



Ultra Safe

Intelligent fire extinguishing system



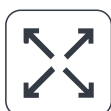
Long-term Warranty

10-year product warranty



Automatic Self-heating

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



Flexible Investing

Expandable to 48.21-1928.4kWh
Compatible with major brand inverters



Wi-fi Connectivity

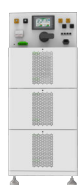
Built-in Wi-Fi,
supports APP OTA upgrade



High-Current Terminals

Support up to 200A continuous
charge and discharge current

HV Series Focus-H2



Min.3 modules



Max.15 modules per cluster



Max.8 clusters in parallel

Maximum capacity of
1928.4kWh

Product type	Focus-H2			
High Voltage Box	STE-BCI-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	136.8~168.6V	319.2~393.4V	501.6~618.2V	684~843V
Dimension (W*D*H)	450*875*1146(mm)	940*875*1171(mm)	1430*875*1171(mm)	1920*875*1171(mm)
Weight	381kg	849kg	1317kg	1785kg
Scalability	Up to 15 modules per cluster, Max. 8 clusters in parallel			
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	IP20			
Environment	Indoor			
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	>6000@25°C, 0.5C, 90% DOD			
Wi-Fi Module	Built in Wi-Fi module, APP OTA function			
Certificates	IEC62619 / IEC61000 / CE / UN38.3 / MSDS			

Each Single Battery Module Specification

Battery Module Model	STE-BHI-16000
Battery Cell Capacity	314Ah
Battery Module Capacity	16.07kWh
Battery Module Voltage	51.2V
Battery Module Dimension(W*D*H)	825*450*265mm
Battery Module Weight	117kg
High Voltage Box Dimension(W*D*H)	660*450*240mm
High Voltage Box Weight	30kg