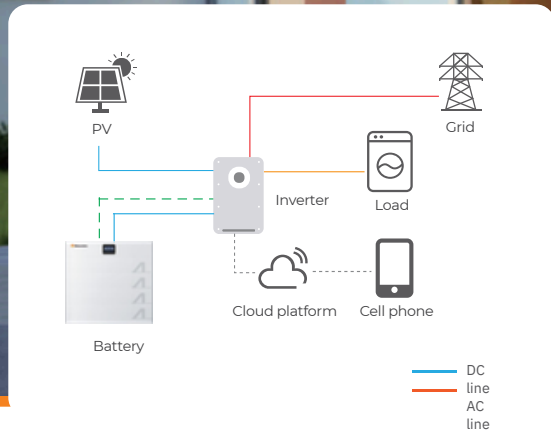


HV Stackable Energy Storage Battery

Six Ultra BS06-S



Features



Higher Density, Fewer Packs
50% higher energy density



Intelligent Design
Bluetooth/WiFi enabled with APP monitoring and OTA remote upgrade capabilities



Tip-resistant Fixation Point Design
Inter-module locking pins/fasteners with rear wall-mounted anchor points



Snap-Fit Installation With Freeform Stacking
Consolidated from dual-stack to single-stack design, with scalable 6-stack capacity for complex scenarios



High Safety Performance
Integrated grounding points with enhanced protective safety



Smart & High-Efficiency
Smart & high-efficiency system with self-learning SOC/SOH capability and autonomous fault diagnostics

PERFORMANCE SPECIFICATIONS

Model	BS06-15-S/2S	BS06-23-S/3S	BS06-30-S/4S	BS06-38-S/5S	BS06-46-S/6S
Battery Type	LiFePO ₄				
Nominal Voltage	153.6V	230.4V	307.2V	384.0V	460.8V
Configuration	3.2V100Ah/1P24S				
Capacity(Ah)	100Ah				
Nominal Energy(kWh)	15.36kWh	23.04kWh	30.72kWh	38.40kWh	46.08kWh
Usable Energy(kWh@90%DOD) ^[1]	13.82kWh	20.73kWh	27.64kWh	34.56kWh	41.47kWh
Max.Charge/Discharge Current(A) ^[2]	50A				
Voltage Range(V)	134.4~172.8V	201.6~259.2V	268.8~345.6V	336~432V	403.2~518.4V
Scalability	Up to 5 battery clusters in parallel				
Communication Interface	CAN;RS485				
Cycle Life ^[3]	≥6000 Cycles (25°C,0.5C/0.5C,90%DOD,70%EOL)				
Warranty Period ^[4]	5+5years				
Cumulative Discharge Energy	24.6MWh	37.0MWh	49.3MWh	61.6MWh	74.0MWh

MECHANICAL SPECIFICATIONS

Weight(kg)	184kg	259kg	334kg	409kg	484kg
Dimension (W*D*H)	870*450*530mm	870*450*690mm	870*450*850mm	870*450*1010mm	870*450*1170mm
Installation Method	Stackable				
IP Rating	IP65				
Anti-corrosion Grade	C4				

SECURITY AND CERTIFICATION

Safety(Pack)	UN38.3,MSDS				
Safety(Cell)	UN38.3,MSDS,IEC62619,CE,UL1973,UL2054				
Protection	BMS,Breaker				

ENVIRONMENTAL SPECIFICATIONS

Operating Temperature Range(°C)	Charge 0°C~55°C;Discharge-20°C~55°C				
Altitude(m)	≤2000m				
Humidity	≤90%(Non-condensing)				

[1] DC usable energy, test conditions: 25°C±2°C, 0.5C charge & discharge, 90% DOD.System usable energy may vary due to system configuration parameters.

[2] The current is affected by temperature and SOC.

[3] Battery cell life standard, using cells that meet the requirements of this standard.

[4] Conditions apply, refer to VesolWarranty Agreement. Text and images correspond to the current state of technology at the time of printing, subject to modifications.All information is without guarantee despite of careful editing-liability excluded.