



High Voltage Stackable System



Lifespan 16+ years



Safe and reliable
LiFePO4 Battery



For on-grid



Modular and
scalable



Higher energy
density



10-year
warranty



Higher system
efficiency

SkyVolt S Series high-voltage battery is a flexible energy storage solution that gives you energy independence. Fully expandable, with capacities ranging from 15.97kWh - 37.27kWh. Built on the safest LiFePO4 technology, the SkyVolt S Series is here to give all Aussies more freedom from the power grid.



	HV-16-S	HV-21-S	HV-26-S	HV-32-S	HV-37-S
Rated voltage (V)	307.2	409.6V	512	614.4	716.8
Cell model (LFP-3.2V)	3.2V 52Ah 102.4V 5.32kWh				
System configuration	96S1P	128S1P	160S1P	192S1P	224S1P
Number of Modules	3	4	5	6	7
Nominal capacity (kWh)	15.97	21.29	26.62	31.94	37.27
Usable capacity kWh (@ 90% DOD)	14.37	19.16	23.95	28.74	33.54
Standard charge voltage (V)	338.88	451.84	564.8	677.76	790.72
Final discharge voltage (V)	240	320	400	480	560
Recommended current	26A				
Rated output (kW)	7.98	10.64	13.31	15.97	18.63
Maximum charging current	52A				
Maximum discharging current	52A				
Dimensions (W x D x H, mm)	665 x 370 x 575	665 x 370 x 725	665 x 370 x 875	665 x 370 x 1025	665 x 370 x 1175
Pack weight (kg)	172	222	272	322	372
Communication protocol	CAN BUS(Baud rate @500Kb/s @250Kb/s)/Mod bus RTU(@9600b/s)				
Host software protocol	CAN BUS(Baud rate @250Kb/s) / Wifi / Bluetooth				
Operation temperature range	Charge: 0~55°C Discharge: -10~55°C				
Cycle life (25°C)	> 6000 cycles @90% DOD				
Protection level	IP54				
Storage temperature	-10°C~40°C				
Storage humidity	10%RH~90%RH				
Internal impedance	≤ 1 Ω				
Warranty	10 years				
Service life	15-20 years				
Multi-group	Max. 5 systems in parrallel				
CERTIFICATION					
Safety	IEC62619/CE/UN38.3				
Hazardous materials classification	Class 9				
Transportation	UN38.3				
Country of manufacture	China				



SKYENERGY.COM.AU