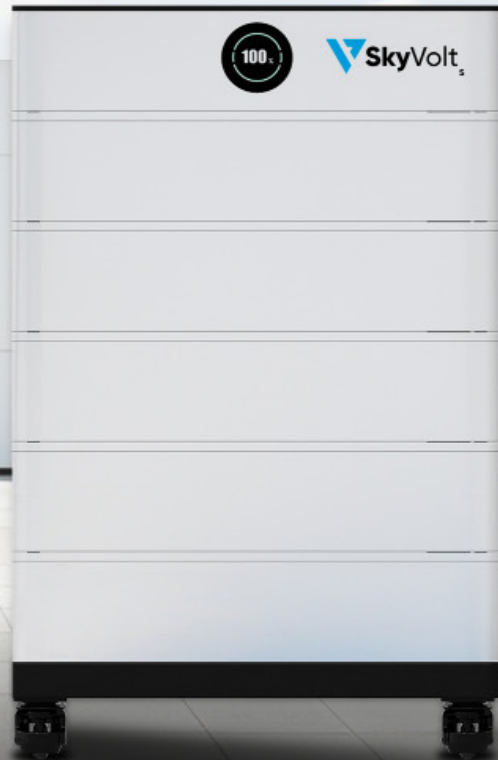


 SkyVolt_s



High Voltage Stackable System

10.64 kWh - 37.27 kWh



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 10.64kWh to 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-10-S	HV-16-S	HV-21-S	HV-26-S	HV-32-S	HV-37-S
Rated voltage (V)	204.8	307.2	409.6V	512	614.4	716.8
Cell model (LFP-3.2V)	3.2V 52Ah 102.4V 5.32kWh					
System configuration	64S1P	96S1P	128S1P	160S1P	192S1P	224S1P
Number of Modules	2	3	4	5	6	7
Rate power (KWh)	10.64	15.97	21.29	26.62	31.94	37.27
Charge upper voltage	227.2V	340.8V	454.4V	568V	681.6V	795.2V
Discharge lower voltage	182.4V	273.6V	364.8V	456V	547.2V	645.12V
Recommended current	26A					
Maximum charging current	52A					
Maximum discharging current	52A					
Dimensions (W x D x H, mm)	665 x 370 x 425	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)	122	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 @80% 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 parallel					
CERTIFICATION						
Safety	IEC62619/CE/UN38.3					
Hazardous materials classification	Class 9					
Transportation	UN38.3					



SKYENERGY.COM.AU