

S16

IP65-rated 16kWh outdoor battery, compatible with 8kW+ mainstream inverters, supports remote monitoring, upgrade and maintenance via WiFi for versatile applications.

Long-term Reliability
A-grade $LiFePO_4$ 10+year service life

Long cycle life
Over 8,000 cycle life

Flexible Expansion
16kWh to 1MWh range available

High compatibility
Compatible with mainstream inverters

IP Protection
IP 65 Protection rating, suitable for outdoor installation

Optional heating function

Built-in WiFi for remote monitoring and maintenance.

Specification

Model	S16
Battery	
Cell Type	$LiFePO_4$
Cell Capacity	314Ah
Rated voltage	51.2V
Rated Energy	16076.8Wh
Maximum Charge Current	200A(@25°C±2)
Maximum Discharge Current	200A(@25°C±2)
Communication	RS485 / CAN / WiFi
Number in Parallel	63
DOD	90%
Cycle Life	≥ 8000 Cycles, @25°C, @0.5C
General Data	
Weight	120kg
Dimensions (L*W*H) (mm)	440*224.5*900
Charging Temp.Range	0°C~55°C
Discharging Temp.Range	-20°C~55°C
IP Grade	IP65
Humidity	5%~95%(RH)
Altitude	<3500m
Designed Life	10 Years+
Warranty	10 Years
Certifications	IEC62619, UN38.3, CE, ROHS, MSDS