

DATASHEET

SolisStor-(5-16)kWh-L-WM-66

Models	5kWh	10kWh	16kWh
Performance Parameters			
Battery type	LiFePO ₄		
Nominal capacity	5.1 kWh	10.2 kWh	16 kWh
Usable capacity	4.6 kWh	9.2 kWh	14.46 kWh
Operating voltage	44.8 - 57.6 V		
Rated cell capacity	100 Ah	100 Ah	314 Ah
Recommended charge/discharge rate	0.5C		
Recommended charge/discharge current	50 A	100 A	157 A
Maximum sustainable charging current	50 A	100 A	157 A
Maximum sustainable discharge current	100 A	200 A	157 A
Recommended depth of discharge (DOD)	≥ 90%		
Charging temperature range	-20 ~ 55°C (with heating function, >45°C, derating)		
Discharging temperature range	-20 ~ 55°C (>45°C, derating)		
Communication interface	CAN/RS485/RS232		
Cycle life	>6000 Cycles (@25°C, 0.5C/0.5C, 70% EOL@90% DOD) / 10 years		
Expansion capability	Up to 8 units in parallel		
Standard Parameters			
Cooling method	Natural cooling		
Certifications & safety standards	TBD		
Dimensions (W × H × D)	TBD		
Weight	TBD		
Ingress protection	IP65		
Installation method	Floor-mounted / Wall-mounted (Default)		
Recommended operating temperature	10 ~ 45°C		
Maximum operating altitude	≤ 4000 m		
Operating ambient humidity	5 ~ 95% RH		