

Low Voltage Battery L16

16kWh/32kWh/48kWh



Long lifespan with 6000+ cycles



IP66 protection rating,
safer for outdoor use



Stacked design, compact size



Passed salt spray test, suitable
for harsh outdoor environments



Two pairs connectors,
P+/P-, P+/P- suitable for
35/50/70mm² cables



Optional battery heating
function in cold weather



Module-level MCB

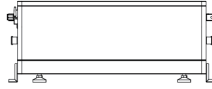
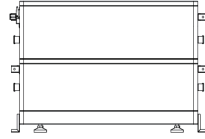
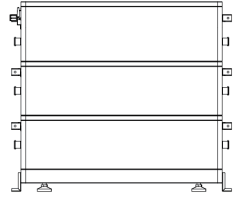


Optional Remote
APP Monitoring



Optional Perfluorohexanone: A Safer Fire Suppression Solution

SPEC for AU&NZL

Model	L16-16kWh	L16-32kWh	L16-48kWh
Appearance			
Battery Module	L16-16kWh*1	L16-16kWh*1 L16s-16kWh*1	L16-16kWh*1 L16s-16kWh*2
 Battery Characteristics			
Capacity	314Ah	628Ah	942Ah
Rated Voltage	51.2V	51.2V	51.2V
Rated Energy	16.08kWh	32.15kWh	48.23kWh
Usable Energy	13.987kWh	27.974kWh	41.96kWh
Operation Voltage		44.8V~57.6V	
Standard Charge Voltage	57.6V	57.6V	57.6V
Standard Charge/Discharge Current	140A/140A	240A/240A	240A/240A
Max. Charge/Discharge Current	150A/150A	250A/250A	250A/250A
Depth Of Discharge		87% (Adjustable 87%-100%)	
Cycle Life		6000	
Communication method		CAN, RS485, WiFi(Optional)	
Max. number of parallel operations		3	
Recommend charging method declared by the manufacturer	Charging140A upto 56V, then 10A upto 57.6V	Charging 240A upto 56V, then 10A upto 57.6V	
 Operation Condition			
Operation Temperature	Charging: 0 ~ 50℃, Discharging: -20~50℃		
Cooling Mode	Natural Convention		
Altitude	≤3000m		
 General			
Weight	132±3kg	248±3kg	365±3kg
Dimensions	922*441*360mm	922*441*590mm	922*441*820mm
Installaion Method	Stack		
Warranty Period	10 Years or 6000 cycles		
Corrosion protection	C4		
Protection level	IP66		
Certification	UN38.3/ SDS/ CB 62619 /IEC 62040/ IEC 62477/ IEC 61000/ IEC 60730/ IEC60068-2-52		
Note:			
1. Warranty term is under standard Charge/Discharge current.			
2. Optimal operating temperature range: 10-35℃.			