

Lithium-ion Battery

Powerwall 6.0 51.2V100AH



Model: LIO 5.20-IP20



IP20
Protection



Light
Indicators



1C
Continuous
Charge / Discharge



6000
Cycles



5 Years
Warranty



100AH
Capacity



REPT
Powered by
REPT



LiFePO4
Cells



BMS
PACE BMS



Parallel
upto 4 Units

- A grade brand new prismatic LiFePO4 cells
- 6000 cycles @80% DOD (25°C, 0.5C)
- Over charge, over discharge, over temperature, low temperature, over current and short circuit protection
- LCD with low power consumption, high brightness, and long visual distance.
- Cell balance function
- Metal Case, excellent heat dissipation, more safety
- Certificate: UN38.3, MSDS
- Max 8 battery packs can be connected in parallel

Compatible with Inverter Brands



Many More.....

Technical Data Sheet

MODEL	LIO 5.20-IP20
ELECTRICAL PARAMETER	
Battery Type	LiFePO4
Nominal Voltage (V)	51.2
Nominal Capacity (AH)	100
Energy (WH)	5120
Pack Mode	16S1P
Continuous Discharge Current (A)	100
Charge Cut-off Voltage (V)	57.6
Discharge Cut-off Voltage (V)	44
Max. Charge Current (A)	100
Max. Discharge Current (A)	100
Peak Discharge Current (A)	120
Recommend Discharge Current (A)	50
Recommend Discharge Depth (%)	80
Cycle Life	> 6000 cycles (25°C, 0.5C) @ 80% DOD
Function	---
Communication	RS485/RS232/CAN
Display	LED
Mounting	Wall-mounted
ENVIRONMENTAL PARAMETER	
Charge & Discharge Temperature (°C)	Charge: 0°C ~ +55°C / Discharge: -20°C ~ +60°C
Optimal Storage Temperature (°C)	5°C ~ +35°C
Relative Humidity	40% ~ 80%
Ingress Protection	IP20
MECHANICAL PARAMETER	
Terminal	M6
Dimensions (L*W*H) (mm)	533*500*150
Weight (Kg)	45.1 ± 0.5
Certificate	UN38.3 MSDS