

Powerwall 6.0 51.2V100AH



Model: LIO 5.20-IP20

IP20 Protection	LCD Display	Continuous Charge / Discharge	6000 Cycles	5 Years Warranty
100AH Capacity	Powered by REPT	LiFePO4 Cells	PACE BMS	Parallel upto 15 Units

- A grade brand new prismatic LFP (LiFePO4 cells)
- >6000 @25°C, 90% DOD
- 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
- Parallel upto 15 Units

Compatible with Inverter Brands



Technical Data Sheet

MODEL	LIO 5.20-IP20
ELECTRICAL PARAMETER	
Battery Type	LFP (LiFePO4)
Nominal Voltage	51.2V
Nominal Capacity	100Ah
Energy	5120Wh
Continuous Discharge Current	100A
Charge Cut-off Voltage	57.6V
Discharge Cut-off Voltage	41.6V
Maximum Charge Current	100A
Maximum Discharge Current	110A@1S
Peak Discharge Current	150A@500ms
Recommend Discharge Current	50A
Open-circuit Voltage	50.88-53.6V
Communication	RS485 RS232 CAN
Display	LCD
Cycle Life	>6000 @25°C, 90% DOD
Number of parallel	upto 15 units
Certification	UN38.3 MSDS
Charge & Discharge Temperature (°C)	Charge: 0°C ~ +55°C / Discharge: -20°C ~ +60°C
Storage Temperature Range	-5°C~+0°C/35°C~+45°C (≤2 month); 5°C~+35°C (≤3 months, Optimum storage temperature); 15°C~+35°C (≤6 months)
Relative Humidity	60%±20% RH
Connect Terminal	Wall feedthrough
Dimensions (LWH) (mm)	500mm × 470mm × 150mm
Weight (Kg)	44.5±0.5kg
IP Class	IP20
Warranty	5 year warranty (3 year BMS & 5 year Cell warranty)