Lithium Iron Phosphate Battery

Powerwall 6.11 51.2V100AH

Model: LIO 5.32

- IP20 Protection
- 4.3" HMI Touchscreen
- Continuous Charge / Discharge
- 6000 Cycles
- 5 Years Warranty
- Built-In Fire Protection
- 100AH Capacity
- LiFePO4 Cells
- PACE BMS
- Parallel upto 8 Units

Easy-to-install

Reliable

User-Friendly

- A grade brand new prismatic LiFePO4 cells
- 6000 cycles
- Over charge, over discharge, over temperature, low temperature, over current and short circuit protection
- HMI touchscreen with low power consumption, high brightness, and long visual distance.
- Built-In fire protection
- Cell balance function
- Metal Case, excellent heat dissipation, more safety
- Certificate: UN38.3, MSDS
- Max 8 battery packs can be connected in parallel

Technical Data Sheet

MODEL	LIO 5.32
ELECTRICAL PARAMETER	
Battery Type	LiFePO4
Nominal Voltage (V)	51.2
Nominal Capacity (AH)	100
Energy (WH)	5120
Pack Mode	16S1P
Continuous Discharge Current (A)	150
Charge Cut-off Voltage (V)	58.4
Discharge Cut-off Voltage (V)	43.2
Max. Charge Current (A)	100
Max. Discharge Current (A)	160@1S
Peak Discharge Current (A)	200A@5mS
Recommend Discharge Current (A)	50
Charge & Discharge Current	1.5C
Cycle Life	> 6000
Function	---
Communication	RS485/RS232/CAN
Display	HMI Touchable
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	Quick Plug
Dimensions (L*W*H) (mm)	500 x 470 x150
Weight (Kg)	44.5 ± 0.5
Certificate	UN38.3 MSDS