

Lithium-ion Battery

Powerwall 3.0 25.6V-100AH



Model:
LIO 2.56-IP20



1C
continuous charge
and discharge



Easy-to-install



Reliable



User-Friendly

- 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 display screen to monitor cell SOC, voltage, temperature and alarm status
- Cell balance function
- Metal Case, excellent heat dissipation, more safety
- Certificate: UN38.3, MSDS
- Max 2 battery packs in series
Max 4 battery packs in parallel

Technical Data Sheet

MODEL	LIO 2.56-IP20
ELECTRICAL PARAMETER	
Battery Type	LiFePO4
Nominal Voltage (V)	25.6
Nominal Capacity (AH)	100
Energy (WH)	2560
Pack Mode	8S1P
Continuous Discharge Current (A)	100
Charge Cut-off Voltage (V)	28.8
Discharge Cut-off Voltage (V)	20.8
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
Display	LCD
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 (LWH) (mm)	350*180*450
Weight (Kg)	25.1 ± 0.5
Certificate	UN38.3 MSDS

VERSION : JUNE 2025

Distributed by BatteryMAX | www.batterymax.pk