



LFP Battery – LUB51100PA

LUB51100PA LFP Battery is a powerful LFP battery products. It has a highly smart and integrated BMS with very low self consumption. The weight only 1/3 of lead-acid batteries with the same performance, 3000 cycles and the lifespan can reach 5-10 years.

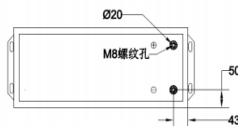
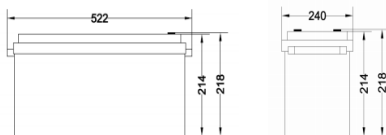
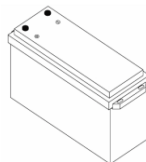


MS Certifications

- ISO9001
- ISO14001
- OHSAS 18001

Application Scenario

- AGV Power Supply
- RV Power Supply
- Outdoor Monitoring Power Supply
- Emergency Reserve Electricity
- Solar Energy Station





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Parameters

Model Type	LUB51100PA		
Battery Type	LFP Battery		
Nominal Voltage	51.2V		
Nominal Capacity	100 Ah		
Nominal Energy	5120 Wh		
Dimensions	Length	Width	Height
	522 mm	240 mm	218 mm
Package Size	Length	Width	Height
	538 mm	256 mm	261 mm
Weight	Net Weight		Gross Weight
	40 ±3% kg		40.4±3% kg
Shell	ABS		
Cycle Life	25 °C, 0.5 C, 80%DOD, ≥3000 cycles		
Self-Discharge Rate	25°C, ≤3%, Every Month		
Charge Mode	CC/CV		
REC Charge/Discharge Current	20 A		
REC Charge/Discharge Voltage	57-57.6 V		
MAX Charge/Discharge Current	100 A		
MAX Pulse Charge/Discharge Current	100 A		
End-off Voltage	45 V		
Discharge temperature	-20°C-55 °C		
Charge temperature	-10°C-55 °C		
IP Grade	IP6X		

Cautions:

1. The number of batteries allowed in series 2.
2. The battery voltage difference allowed in parallel 2V.

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