



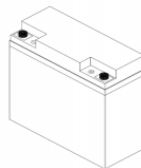
LFP Battery – LUB12020SA

LUB12020SA 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.



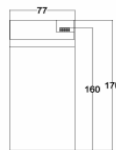
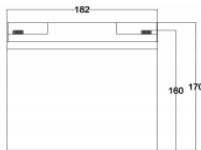
MS Certifications

- 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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LFP Battery – LUB12020SA

Parameters

Model Type	LUB12020SA		
Battery Type	LFP Battery		
Nominal Voltage	12.8 V		
Nominal Capacity	20 Ah		
Nominal Energy	230.4 Wh		
Dimensions	Length	Width	Height
	182 mm	77 mm	170 mm
Package Size	Length	Width	Height
	385 mm	180 mm	190 mm
Weight	Net Weight		Gross Weight
	2.17±3% kg		2.57±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	9 A		
REC Charge/Discharge Voltage	14.4 V		
MAX Charge/Discharge Current	18 A		
MAX Pulse Charge/Discharge Current	18 A		
End-off Voltage	11.2 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 4.
2. The battery voltage difference allowed in parallel 2V.