



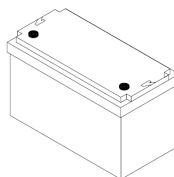
# LFP Battery – LUB12052SA

LUB12052SA 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.



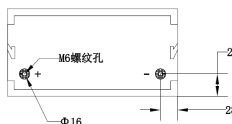
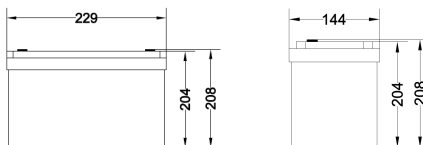
## MS Certifications

- ISO9001
- ISO14001
- OHSAS 18001



## Application Scenario

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





# LFP Battery – LUB12052SA

## Parameters

Model Type	LUB12052SA		
Battery Type	LFP Battery		
Nominal Voltage	12.8 V		
Nominal Capacity	52 Ah		
Nominal Energy	665.6 Wh		
Dimensions	Length	Width	Height
	229 mm	144 mm	208 mm
Package Size	Length	Width	Height
	245 mm	160 mm	251 mm
Weight	Net Weight		Gross Weight
	5.1±3% kg		5.4±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	10 A		
REC Charge/Discharge Voltage	14.4 V		
MAX Charge/Discharge Current	50 A		
MAX Pulse Charge/Discharge Current	50 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.