

Lead Acid Replacement LiFePO₄ Battery Series



-  CE, IEC, CB, UN38.3 approved
-  Standard lead acid battery house
-  Support multiple usage scenarios
-  Support Max. 4 units in series or 16 units in parallel
-  Support ODM & OEM & Monitoring App customization

Model	MGB-LAR-12100A	MGB-LAR-12200A	MGB-LAR-12300A
Battery Voltage / Capacity	12.8 V / 100 Ah	12.8 V / 200 Ah	12.8 V / 300 Ah
Nominal Energy	1280 Wh	2560 Wh	3840 Wh
Standard Charge Current	50 A	100 A	150 A
Max. Charge Current	100 A	150 A	200 A
Standard Discharge Current	50 A	100 A	150 A
Max. Discharge Current	100 A	150 A	200 A
Dimensions	330 x 173 x 221 (mm)	522 x 238 x 222 (mm)	522 x 268 x 202 (mm)
Weight	9.98 kg	19.1 kg	27.4 kg
Lifecycle	≥ 6000		
IP Rating	IP65		
Operating Temperature	-20 °C to +65 °C		
Expansions	4S4P		
Certifications	UN38.3, CE, CB, RoHS		

Model	MGB-LAR-24100A	MGB-LAR-24200A	MGB-LAR-48100A
Battery Voltage / Capacity	25.6 V / 100 Ah	25.6 V / 200 Ah	51.2 V / 100 Ah
Nominal Energy	2560 Wh	5120 Wh	5120 Wh
Standard Charge Current	50 A	100 A	50 A
Max. Charge Current	100 A	150 A	100 A
Standard Discharge Current	50 A	100 A	50 A
Max. Discharge Current	100 A	150 A	100 A
Dimensions	522 x 238 x 222 (mm)	522 x 268 x 202 (mm)	522 x 268 x 202 (mm)
Weight	19.1 kg	37 kg	37 kg
Lifecycle	≥ 6000		
IP Rating	IP65		
Operating Temperature	-20 °C to +65 °C		
Expansions	2S4P	2S4P	1S4P
Certifications	UN38.3, CE, CB, RoHS		