

LITHIUM BATTERY



Features:

- Long Life span
- Ease of recycling
- Resistance To Oxygen Loss
- Very low internal resistance
- Very safe and secure technology
- Very low toxicity for environment
- Structural Stability After Lithium Removal
- Constant power throughout the discharge range



TECHNICAL SPECIFICATIONS

12.8V 100Ah

No.	Item for Battery System		General Parameter	Remark
1	Model No#		EU-LI-100/12.8V	
2	Nominal Voltage		12.8 V	
3	Standard capacity for battery system		100.0 Ah	
4	Energy		1,280.0 Wh	
5	Cycle Life		≥5,000 cycles @100% DOD	RSOC 80%
6	Designed lifespan		≥8,000 cycles	RSOC 10%
7	Period of Warranty		3 years	
8	Short Circuit Protection		Yes	
9	Size	Length	330 mm	
		Width	171 mm	
		Height	220 mm	
10	Limited Charge Voltage		14.6 +0.1V	
11	Floating Charge Voltage		13.8 +0.1V	
12	Standard Charging Method		Constant current 0.1C, Constant voltage 14.6V, 0.01C cut-off	CC/CV
13	Max. Charge Current		50.0A	
14	Cut-off Voltage		10.4 V	
15	Max Continuous Discharge Current		100.0A	
16	Operating Temperature	Charge	0~55°C, 45~85%RH	
		Discharge	-20~55°C, 45~85%RH	
17	Weight		Approx. 9.65 Kg	
18	Full voltage difference of battery pack (10 minutes of static test with full charge)		<20mV	Standard charging
	IP grate		IP 55	

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TECHNICAL SPECIFICATIONS

12.8V 150Ah

No.	Item for Battery System		General Parameter	Remark
1	Model No#		EU-LI-150/12.8V	
2	Nominal Voltage		12.8 V	
3	Standard capacity for battery system		150.0 Ah	
4	Energy		1,920.0 Wh	
5	Cycle Life		≥5,000 cycles @100% DOD	RSOC 80%
6	Designed lifespan		≥8,000 cycles	RSOC 10%
7	Period of Warranty		3 years	
8	Short Circuit Protection		Yes	
9	Size	Length	485 mm	
		Width	171 mm	
		Height	240 mm	
10	Limited Charge Voltage		14.6 +0.1V	
11	Floating Charge Voltage		13.8 +0.1V	
12	Standard Charging Method		Constant current 0.3C, Constant voltage 14.6V, 0.01C cut-off	CC/CV
13	Max. Charge Current		50.0A	
14	Cut-off Voltage		10.4 V	
15	Max Continuous Discharge Current		100.0A	
16	Operating Temperature	Charge	0~55°C, 45~85%RH	
		Discharge	-20~55°C, 45~85%RH	
17	Weight		Approx.13.7 Kg	
18	Full voltage difference of battery pack (10 minutes of static test with full charge)		<20mV	Standard charging
	IP grate		IP 55	

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TECHNICAL SPECIFICATIONS

12.8V 200Ah

No.	Item for Battery System		General Parameter	Remark
1	Model No#		EU-LI-200/12.8V	
2	Nominal Voltage		12.8 V	
3	Standard capacity for battery system		200.0 Ah	
4	Energy		2650.0 Wh	
5	Cycle Life		≥5,000 cycles @100% DOD	RSOC 80%
6	Designed lifespan		≥8,000 cycles	RSOC 10%
7	Period of Warranty		3 years	
8	Short Circuit Protection		Yes	
9	Size	Length	522 mm	
		Width	238 mm	
		Height	220 mm	
10	Limited Charge Voltage		14.6 +0.1V	
11	Floating Charge Voltage		13.8 +0.1V	
12	Standard Charging Method		Constant current 0.1C, Constant voltage 14.6V, 0.01C cut-off	CC/CV
13	Max. Charge Current		50.0A	
14	Cut-off Voltage		10.4 V	
15	Max Continuous Discharge Current		100.0A	
16	Operating Temperature	Charge	0~55°C, 45~85%RH	
		Discharge	-20~55°C, 45~85%RH	
17	Weight		Approx. 18.5 Kg	
18	Full voltage difference of battery pack (10 minutes of static test with full charge)		<20mV	Standard charging
	IP grate		IP 55	