

They are designed to replace the lead-acid battery, which are available for drop-in replacement in the Club Car and EZ-GO etc. vehicles nicely.

- MODEL** B-LFP48-130GC
- VOLTAGE** 51.2V (Display voltage: 52.8V)
- NOMINAL CAPACITY** 134Ah
- CASE** METAL/FR
- BATTERY** Lithium-iron (LFP)
- COLOR** BLUE
- CYCLE LIFE** 3500 @80%DOD
- INTELLIGENCE** Multiple Microprocessors, State of Charge Gauge with Aging Compensation, Current Sensor, Fuse, CAN Bus



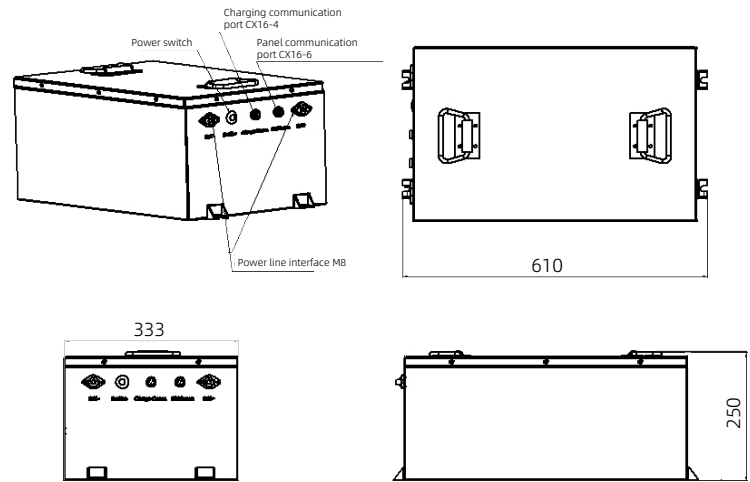
**ELECTRICAL SPECIFICATIONS**

Battery Types	Lithium-iron (LFP)
Rated Capacity	134Ah
Nominal Voltage	51.2V Display voltage: 52.8V
Operating Voltage Range	40V~57.6V Battery cell: 2.5V~3.65V
System Capacity	6.861 KWh
Battery Group Solution	2P16S A boxful
IP Protection Level	Battery system IP54
Cycle Life	> 3500 times 25°C, 05C charge, 1C discharge, DOD 70% (soc 0~100%)
Battery System Weight	60KG
Calendar Life	12 years 25°C, SOC 100%, EOL 80%

**TEMPERATURE SPECIFICATIONS**

Operating Temperature Range A Column Temperature	Charge	0°C~55°C
	Discharge	-20°C +55°C

**DIMENSIONAL SPECIFICATIONS**



**PHYSICAL SPECIFICATIONS**

Battery Pack Factory SOC	50%
Battery SOC Operating Range	0~100%
Insulation Requirements	≥20MΩ/1000VDC 25°C ± 5°C, RH50%
The Power Consumption Of The BMS	≤3W
SOC Theory Estimation Accuracy	±5%
Unit Voltage Acquisition Accuracy	±5mV Capture every single monomer
Temperature Acquisition Accuracy	±2°C 4 road
Current Acquisition Accuracy	≤ ± 0.5% FSR
Equalizing Current	≤ 100mA Passive equalization
Protect Function	Over-current protection, over-discharge protection, high and low temperature protection, abnormal alarm function.

**DISCHARGE SPECIFICATIONS**

Maximum Continuous Charging Current	60A	10°C~45°C, 5% < SOC < 80%
Maximum Continuous Discharging Current	200A	5°C~50°C, SOC > 20%
Maximum Instantaneous Charging Current (10S)	130A	10°C~45°C, 5% < SOC < 80%
Maximum Instantaneous Discharging Current (10S)	300A	5°C~50°C, SOC > 20%
Standard Charging Current Is Recommended	< 40A	
Self-discharge Rate/Month (25°C, SOC100%)	< 3%	

**FIVE YEAR COST COMPARISON BETWEEN BSLBATT & LEAD ACID BATTERIES**

	YEAR 1	YEAR 2	YEAR 3	YEAR 4	YEAR 5	
	<b>\$ Cost Of Battery</b> \$\$\$\$	<del>✂</del> <b>Installation</b> \$\$	<b>Maintenance</b>	<b>Maintenance</b>	<b>Maintenance</b>	<b>Battery Change</b>
					<b>Total</b> \$\$\$\$\$\$	
	\$\$	\$	\$	\$	\$\$	
					<b>Total</b> \$\$\$\$\$\$\$\$	



Do not mix with lead-acid batteries when recycling to 70% initial capacity



**STRUCTURAL DIFFERENCES IN THE BSLBATT GOLF CART SERIES**

**Each Cell Is Encased In Aluminum**

- ✔ Provides dimensional stability

**Steel Battery Bracket**

- ✔ Provides vibration and shock resistance

**External Heat Sink Keeps**

- ✔ BMS cool by providing heat dissipation to outside

**BMS Bolted To Heat Sink**

- ✔ Reduces vibration and prevents accidental faults due to vibration and it extends battery life

**Bolted Connections To BMS**

- ✔ Provides stable mechanical and electrical connections

**Positive And Negative BusBar**

- ✔ Creates an exceptional current collector

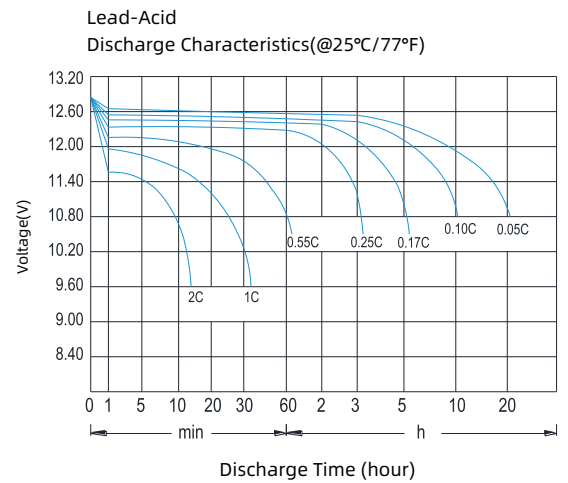
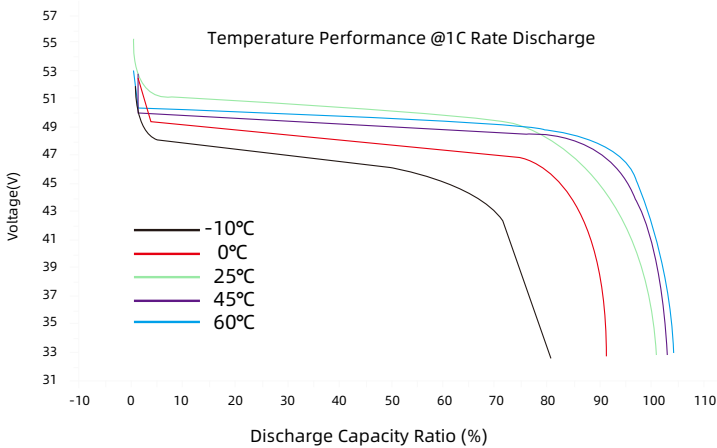
**IP54 Rated Casing**

- ✔ Ensures water, dust and splash-resistance

**TECHNICAL BSLBATT LITHIUM CURVE**

ENVIRONMENT TEMPERATURE: 25°C

DISCHARGE CURRENT: 0.5C/1C/3C/5C



BSLBATT lithium battery has a longer constant stable curve during discharge.