BSLBATT®
Best Solution Lithium Battery

B-LFP36-60 LITHIUM-ION BATTERY

GOLF

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-LFP36-60GC
VOLTAGE	38.4V (Display voltage: 39.6V)
NOMINAL CAPACITY	67Ah
CASE	ABS/FR
BATTERY	Lithium-iron (LFP)
COLOR	BLACK
CYCLE LIFE	3500 (MOS program 2000 times) @ 70% 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	67Ah
Nominal Voltage	38.4V Display voltage: 39.6V
Operating Voltage Range	30V~43.2V Battery cell: 2.5V~3.65V
System Capacity	2.573 KWh
IP Protection Level	Battery system IP54
Cycle Life	3500 (MOS program 2000 times) @ 70% DOD*
Battery System Weight	20KG
Calendar Life	12 years 25℃, SOC 100%, EOL 80%

PHYSICAL SPECIFICATIONS

Battery Pack Factory SOC	50%
Battery SOC Operating Range	0-100%
Insulation Requirements	≥20MΩ/1000VDC 25℃ ± 5℃, 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℃ 4 road
Current Acquisition Accuracy	≤ ± 0.5% FSR
Equalizing Current	≤ 100mA Passive equalization
Protect Function	Over-current protection, over-discard protection, over-discharge protection, high and low temperature protection, abnormal alarm function.

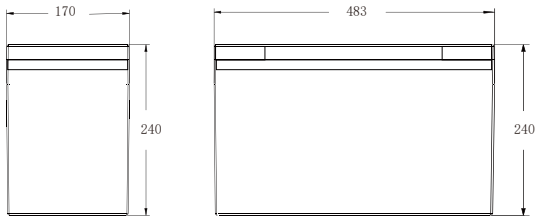
TEMPERATURE SPECIFICATIONS

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

DISCHARGE SPECIFICATIONS

Maximum Continuous Charging Current	40A	10℃~45℃, 5%<SOC<80%
Maximum Continuous Discharging Current	80A	5℃~50℃, SOC>20%
Maximum Instantaneous Charging Current (10S)	65A	10℃~45℃, 5%<SOC<80%
Maximum Instantaneous Discharging Current (10S)	150A	5℃~50℃, SOC>20%
Standard Charging Current Is Recommended	<25A	
Self-discharge Rate/Month (25℃, SOC100 %)	<3%	
Recommended Charging Model Number /Corresponding Size (L*W*H mm) (American standard)	38.4V/25A	
	282*168*95	

DIMENSIONAL SPECIFICATIONS



FIVE YEAR COST COMPARISON BETWEEN BSLBATT & LEAD ACID BATTERIES

	YEAR 1	YEAR 2	YEAR 3	YEAR 4	YEAR 5
	$ Cost Of Battery	Installation	Maintenance	Maintenance	Maintenance	Battery Change
	$$$$	$$				
					Total	$$$$$$
	$$	$	$	$	$	$$
					Total	$$$$$$$$

BSLBATT 48V vs LEAD-ACID Golf Car Range By Miles

	Standard 48V Lead Acid (Six at 8V or Four at 12V)	ONE BSLBATT Battery	TWO BSLBATT Batteries	THREE BSLBATT Batteries	FOUR BSLBATT Batteries	FIVE BSLBATT Batteries	SIX BSLBATT Batteries
Miles	15-25	12-17	24-34	36-51	48-70	60-85	72-102

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

www.lithium-battery-factory.com

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B-LFP38.4-67 LITHIUM-ION BATTERY

GOLF

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

Bolted Connections To BMS
☑ Provides stable mechanical and electrical connections

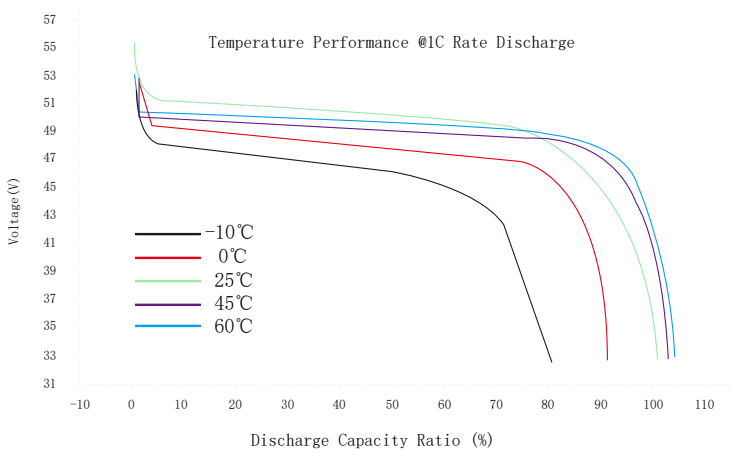
Positive And Negative BusBar
☑ Creates an exceptional current collector

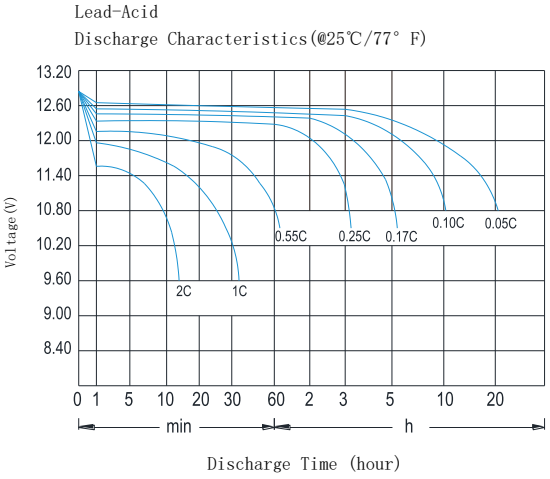
IP54 Rated Casing
☑ Ensures water, dust and splash-resistance

BMS Bolted To Heat Sink
☑ Reduces vibration and prevents accidental faults due to vibration and it extends battery life

TECHNICAL BSLBATT LITHIUM CURVE

ENVIRONMENT TEMPERATURE:25℃ DISCHARGE CURRENT:0.5C/1C/3C/5C





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