



LITHIUM



LiFePO4 Powersports Battery LH5L-BS

12.8V 4AH
CCA 220
51.2Wh

PERFORMANCE

- ◆ Long Cycle Life>2000cycles @100% DOD.
- ◆ High Density, High Discharge Current, High Temperature Range.
- ◆ Light Weight, Free Maintainance
- ◆ Fast Charging, Enironment Friendly.

FEATURES

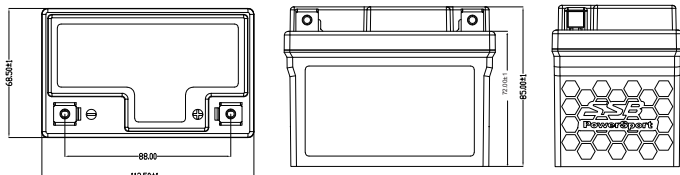
- ◆ Lithium Iron Phosphate (LiFePO4) Integrated
- ◆ Battery Management System(BMS)
- ◆ Sealed ABS Plastic Housing
- ◆ Bluetooth/RS485/RS232/SMBus/CANBus(Optional)

Discharge Parameters

Continuous Discharge Current	8A
Peak Discharge Current	300A (<3 seconds)
Recommended Volt. Disconnect	10V
BMS Discharge Cut-off Voltage	8V
Reconnect Voltage	9.2V
Short Circuit Protection	200~600 us

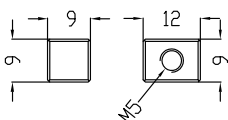
Mechanical Parameters

Dimension(L x W x H)	112 x 68.5 x 85mm
Weight	0.60kg(1.32lbs)
Terminal Type	M5
Battery Housing	ABS, UL-94 V-0
Housing Protection	IP67
Cell Type-Chemistry	Cylindrical Cells



TERMINALS: (mm)

M5 - 1.0x 5mm
Terminal



Charge Parameters

Charge Method	CC-CV
Charge Voltage	14.4~14.8V
Recommended Float Voltage	13.8V
Recommended Charge Current	2A
Maximum Charge Current	4A
BMS Charge Cut-off Voltage	15.6V

Temperature Parameters

Discharge Temperature	-30 to 60°C (-22 to 140°F)
Charge Temperature	0 to 45°C (32 to 113°F)
Storage Temperature	-25 to 60°C (-13 to 140°F)
BMS Low Temperature Cut-off	-10°C (14°F)
BMS Low Temperature Turn-off	0°C (32°F)
BMS High Temperature Cut-off	80°C (176°F)
BMS High Temperature Turn-off	55°C (131°F)

Compliance Certificate

Certifications: UL1642 (CELL) CE IEC62133 & CB KC BIS

Shipping Classification: UN3480, Class 9,UN38.3

