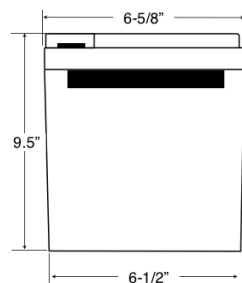
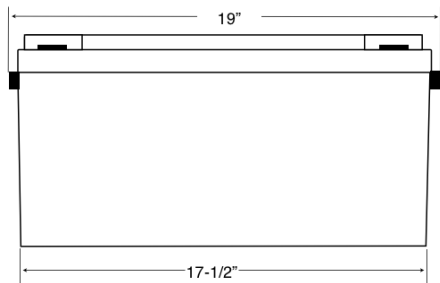
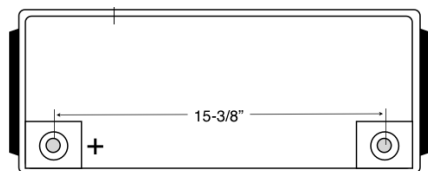


| Specifications | LiFeBlue LB12200-HC |
|------------------------------------|-------------------------------|
| Capacity | 200AH |
| Nominal Voltage | 12.8 Volts |
| Full Charge Resting Voltage | 13.32 Volts |
| Energy Storage | 2600 Wh (2.6kWh) |
| Run Time @ 25 Amp Load | 8 Hours @ 77°F (25°C) |
| Self Discharge Rate | 7mA; Sleep 500µA |
| Wireless Data Communications | Bluetooth BLE, 4.0 or above |
| Charging | |
| Charging Temperature Range | -4°F~119°F (140°F Max) |
| Charge Method | 3 Stage or CC/CV |
| Absorb Voltage (Uo) (CV) | 14.1 to 14.6 Volts |
| Float Voltage (I) | 13.6 to 13.8 Volts |
| Maximum Current | 150 Amps @ 75°F |
| Recommended Current | 120 Amps |
| Recommended CV or Absorb Time | 15 minutes |
| Charge Efficiency | 99% |
| Discharging | |
| Discharge Temperature Range | 32°F~140°F (-20°C~60°C) |
| Discharge Current | 150A, 200 for 30 Minutes |
| Discharge Current, 3 seconds | 500 Amps |
| Discharge Cut Off Voltage | 2.0 Volts, any cell (8 Volts) |
| Recommended Low Voltage Disconnect | 11 Volts |
| Short Circuit Protection | 850A for 500µs |
| Short Circuit Protection release | 30 Seconds |



| Battery Protection | |
|---------------------------------------|---|
| BMS Control | PCM |
| Over Voltage, per cell, Open | 3.8 Volts, ±0.03 Volts |
| Over Voltage, per cell, Release | 3.6 Volts, ±0.05 Volts |
| Over Discharge, per cell, Open | 2.0 Volts, ±0.05 Volts |
| Over Discharge, per cell, release | 2.3 Volts, ±0.05 Volts |
| Over Current | >420 Amps; 6 Seconds |
| Over Current Release | 30 Seconds |
| Over Temperature | 149°F (65°C) |
| Over Temperature release | 131°F |
| Low Temperature Charge Inhibit | 32°F |
| Low Temperature Charge, Release | 40°F |
| MOSFET Over Temperature, Open | 212° F |
| MOSFET Over Temperature, Release | 158° F |
| Mechanical | |
| Length | 19-1/16" |
| Width | 6-5/8" |
| Height | 9-1/2" |
| Weight | 56 Pounds (20 kg) |
| Hardware | M8 bolt, washer, lock washer |
| Hardware Torque | 80 in-lb. (9 N-m) |
| Miscellaneous | |
| Packs in Parallel | 4 (maximum recommended) |
| Packs in Series | 4 Maximum |
| Discharge Test Setting | 100% DoD @ 1C |
| Discharge Test Results | >2800 Cycles~83% remaining capacity |
| Storage Method | 50% SoC, test @ 90 Days, recharge if below 13.0V |
| Recommended Storage temperature Range | -4°F~95°F (-20°C~35°C) |
| Lithium Ion Chemistry | Lithium Iron Phosphate (LFP; LiFePO4) |
| Cell Type | Prismatic Cells |
| Internal Impedance (50% SoC, 1kHz) | <20mΩ |
| Certifications | UL1642; IEC62133; TUV CB; CE; UN38.3; ISO9001-2009; ISO14001; OHSAS18001; TS16949 |

LiFeBlue Battery

Model LB12200-HC

LiFeBlue Battery (920) 543-3764 www.lifebluebattery.com