

TECHNICAL SPECIFICATIONS

General

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| Product Name | Lambeter Deep Cycle LiFePO4 Battery |
| Model Name | LBT12006 |
| Battery Cell Type | LiFePO4 |
| Rated Capacity (0.5C, 25°C) | 6Ah |
| Nominal Voltage | 12.8V |
| Voltage Range | 10V to 14V |
| Cycle Life (0.5C/1C, 25°C) | 2000 Cycles (80%DOD) |
| Dimension | 5.94 x2.56 x 3.74 In / 151x 65 x 95 mm |
| Weight | 2.2 lbs. / 1 kg |
| Connection Method | Series & Parallel (4S2P) |
| Terminal Bolt Size | F2 |
| Protection Rating | IP54 |
| Certification | MSDS, UN38.3, UL1973 |

Operation Parameters

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| Charge Voltage | 14.4V |
| Maximum Continuous Charge Current | 6A |
| Maximum Continuous Discharge Current | 50A |
| Peak Discharge Current | 400A@0.3ms |
| Charge Temperature Range | 32°F to 131°F (0°C to 55°C) |
| Discharge Temperature Range | -4°F to 140°F (-20°C to 60°C) |
| Storage Temperature Range | 14°F to 95°F (-10°C to 35°C) |
| Operation Relative Humidity | 10% to 95% |

Options

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| Self-Heating | The battery features a built-in heater for heating above 0°C. Charging is unavailable when the ambient temperature is below 0°C. |
| LCD with Bluetooth | Mobile APP remote monitoring |