

Minicube LITHIUM ION BATTERY

STM12V100Ah



Features and Benefits

- High compatibility
Supporting the connection with lead acid batteries.
- Built-in smart BMS
Providing balanced voltage among cells and protections of short circuit, over charging/discharging, over temperature.
- Safe and reliable LFP battery cells
Ensuring a life span of more than 3000cycles@100%DoD.
- Real time monitoring
Monitoring battery operation status on mobile devices with built in bluetooth module.
- Capacity expansion
Parallel or series connection for larger capacity or higher voltage.

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|------------------------------------|---------------|
| Nominal Voltage | 12.8V |
| Nominal Capacity | 100Ah |
| Rated Energy | 1280Wh |
| Recommended Charge Voltage | 14.4V - 14.6V |
| Discharge Cut-off Voltage | 10.8V |
| Standard Charge Current | 50A |
| Max.Charge Current | 100A |
| Continuous Discharge Current | 100A |
| Peak Discharge Current@5S | 300A |
| Max.Batteries in Parallel & Series | 4P4S |
| Maximum Time Between Charges | 3 months |

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| Dimension(L*W*H) | 307*169*213mm |
| Weight | 11.5Kg |
| Terminal | M8 |
| Casing Material | ABS |

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|---------------------------|---|
| Working Temperature Range | Charge: 0°C - 55°C Discharge: -20°C - 60°C |
| Humidity Range | <95% |
| Storage Temperature | 15°C - 35°C |
| IP Level | IP65 |