

Lithium-ion Battery Instruction

1 Technical Data

- ① Self-discharge Rate: <3% (25 °C, 28 days)
- ② Deep Cycle Life: ≥2000 cycles (80% DOD)
- ③ Charging Temperature: 0°C to 45°C (Optimal: 15 °C to 35°C)
Discharge Temperature: -20°C to 60°C (Optimal: 20 °C to 25°C)

2 Charging

Condition	
Charging voltage	14.6 V±0.5 V
Charging current	≤9 A

3 Attentions

- ① Do not short circuit.
- ② Do not disassemble.
- ③ Do not heat or incinerate.
- ④ Do not immerse in any liquid.
- ⑤ Do not crush, shock, crash or puncture.
- ⑥ Do not exceed the maximum discharge current.
- ⑦ The operating temperature range of the battery is as follows.
If used beyond the specified temperature range, the battery performance and service life may be reduced, and the battery may be damaged or deformed.
Discharge temperature: -20°C–60°C

4 Battery Installation

- ① Before installation, check that the battery appearance is normal, the polarity is correct, the sealing is intact, and there is no leakage or physical damage to the cover.
- ② Batteries of different capacities and performances shall not be used in combination.
Before connecting the battery terminal connectors and switching on the battery system, carefully check the total voltage and positive/negative polarity to ensure correct installation.
- ③ During installation and connection, avoid short circuit caused by connectors or wrenches.