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Lithium-ion Battery

Product Specification

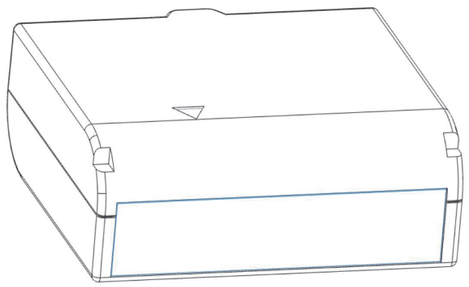
Model No.: DT-BT3

Compile/Date	Audit/Date	Approval/Date
2025/09/16	2025/09/17	

1. 0 Basic Characteristic

Nominal Capacity（0.5C_5A）		2500mAh
Rated Voltage		7.4V
Cell Structure		Two Cells In Series Plus Protection Circuit
Maximum Charging Voltage		8.4V
Discharge Cut-off Voltage		5.50V
Maximum Charging Current		1 C_5A
Maximum Discharge Current		3 C_5A
Battery weight (Approx.)		115g
Charging Method (CC/CV)	Standard	0.5 C_5A×7.5hrs
	Fast	1 C_5A×2.5hrs.
Operating Temperature	Charge	0℃～45℃ 32°F～113°F
	Electric Discharge	-20℃～50℃ -4°F～126°F
	Storage	-20℃～45℃ -4°F～113°F

2. 0 Size



8. 3*4*2. 5cm

4.0 Protection circuit performance

Overcharge protection voltage (V) (any cell)	Overcharge recovery voltage (V)	Overdischarge protection voltage (V)	Overdischarge recovery voltage (V)	Overcurrent protection current (A)
4.350±0.025	4.150±0.050	2.30±0.080	3.00±0.100	10.00±2.00

5.0 Battery Use Warnings & Precautions

This product can only be used with the tester provided by our company.

To prevent possible battery leakage, heating, explosion, please pay attention to the following precautions:

Warning!

- ☒ Don't immerse the battery in sea water or water. Store in a cool and dry environment when not in use.
- ☒ Don't use or leave the battery near a hot and high temperature source, such as fire or heater.
- ☒ Please use our special charger when charging.
- ☒ Don't use the battery with the positive and negative electrodes reversed.
- ☒ Don't insert the battery directly into the power socket.
- ☒ Don't throw the battery in the fire or heater.
- ☒ Don't short circuit the positive and negative electrodes of the battery directly connected with metal.
- ☒ Don't transport or store batteries with metals such as hair clips or necklaces.
- ☒ Don't tap, throw, or step on the battery.
- ☒ Don't weld the battery directly or Pierce the battery with nails or other sharp objects.

Be careful !

- ☒ Don't use or place the battery at high temperatures (in hot sunlight or in a hot car). Otherwise, the battery may overheat, catch fire, fail to function and shorten its life.
- ☒ Don't use the device in a place with strong static electricity or magnetic field. Otherwise, the battery safety protection device may be damaged, resulting in unsafe risks.
- ☒ If the battery leaks and the electrolyte enters your eyes, do not rub it. Rinse your eyes with clean water and seek medical treatment immediately. Otherwise, your eyes may be injured.
- ☒ If the battery gives off an odor, heats up, changes color, becomes deformed, or shows any abnormality during use, storage, or charging, immediately remove the battery from the device or charger and disable it.
- ☒ If the electrode is dirty, wipe it with a dry cloth before use, otherwise it may cause poor contact function failure
- ☒ The electrodes of discarded batteries should be wrapped with insulating paper to prevent fire and explosion.