

Two Wheels Vehicle Battery



Function introduction

Acquisition function: single voltage, temperature, current, total voltage acquisition; measurement range of single battery voltage: 0 <UD <5V; temperature measurement range: -40~125℃.

It has the function of voltage detection, total voltage of lithium battery pack, and charge / discharge current detection. It has the SOC estimation function.

Protection function: after temperature, single voltage, total voltage, and current exceed the protection threshold.

Have the function of resting position.



Matters need attention

warn!

Never put your batteries in the fire, heat them, or store them in an environment above the temperature specified in the specification.

Do not attach the positive and negative extremes to the charger or device.

It is forbidden to contact the positive and negative poles of the batteries with a wire or any metal (such as a necklace or a hairpin). If so, these batteries are transported and stored together, which may cause a short circuit.

Do not hammer or step on the battery, and use no other ways to strike the battery.

Do not dismantle or change the external structure of the battery.

Never soak your batteries in water or wet them.

pay attention to!

When the battery runs up, please charge it promptly (after 15 days).

The battery should be charged with the original charger, and according to the correct operation instructions, the voltage, temperature and other batteries are within the prescribed range, so as to ensure the safe and effective use of the battery.

Please stop using the battery in abnormal conditions such as odor, discoloration, noise, leakage, and serious deformation.

When the electrolyte leaks into the skin and eyes, please rinse with water and see a doctor immediately.

Please place the battery beyond the pet and the child, and prohibit the child from touching the battery.

The battery pack is prohibited to be used in series. If you need a series application, please contact the manufacturer for consultation.

The battery pack is prohibited to be used in parallel. If you need a series application, please contact the manufacturer for consultation.

The battery should be stored at room temperature and should be charged to 40% to 60% of the electricity. To prevent the battery from going down, charge every month.

The battery should be used under the specified conditions and not stored for more than 3 months.

For batteries stored for more than a year, performance is not guaranteed.

System parameters

order number	project	characteristic
1	nominal voltage (V)	51.2
2	Rated capacity (Ah)	15
3	Rated energy (wh)	768
4	size (mm)	173×145×234
5	weight (Kg)	≈7.5
6	Charging stop voltage (V)	58.4
7	Discharge cut-off voltage (V)	40
8	Rated charging current (A)	10
9	Rated discharge current (A)	15
10	15s discharge current (A)	50
12	Charge and discharge with different mouth	The different mouth
13	levels of protection	IP65
14	working temperature (°C)	Charging charge: 0~45 Discharge charge: -20~60
15	Storage temperature: (°C)	10~45
16	shipment SOC	30%~50%

Protection parameters

order number	project	content	acceptance standard
1	Over charge	Single-string overcharge protection voltage	3.65V
		Total voltage overcharge protection voltage	58.4V
		Overcharge protection measures	Disconnect the output
2	overfall	Single-string overburst protection voltage	2.5V
		Total voltage overdischarge protection voltage	40V
		Over-release protection measures	Disconnect the output
3	overcurrent	Charge overcharge protection value	25A
		Discharge overprotection value	55A
		Overflow protection measures	Disconnect the output
4	temperature	Battery discharge high temperature protection	65°C
		Overflow protection measures	Disconnect the output