

Traction 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.

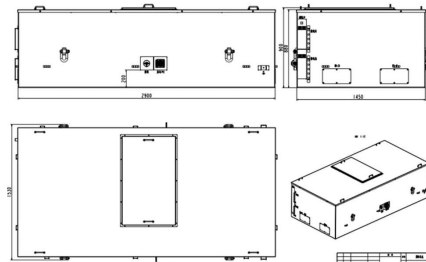
The battery pack is prohibited to be used in parallel. If you need a series application, please contact the manufacturer for consultation.

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.

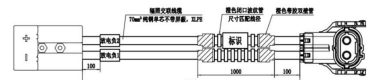
The battery should be used under the specified conditions and not stored for more than 3 months.

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

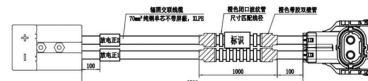
Product size



产品高压线束图如下:

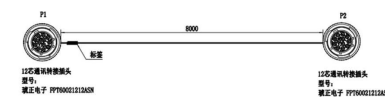


型号: 安普森ACS50, 配2个端子, 灰色, 客供 型号: 捷正电子, PFR9812912C-70001, 客供



型号: 安普森ACS50, 配2个端子, 红色, 客供 型号: 捷正电子, PFR9812912C-70001, 客供

The low voltage harness is as follows:



System parameters

order number	project	characteristic
2.1	Rated capacity (Ah)	420
2.2	Rated Energy (K wh)	236.5
2.3	nominal voltage (V)	563.2
2.4	size (mm)	2700*1300*875
2.5	weight (t)	2.5
2.6	pigment	hoary
2.7	High-voltage line harness length (m)	6.5
2.8	Low-voltage wire harness length (m)	6.5
2.9	Display screen size (mm)	8
2.10	Operating voltage range (V)	440~640
2.11	Maximum continuous charging current (A)	336
2.12	Maximum continuous discharge current (A)	420
2.13	10S pulse current (A)	630
2.14	levels of protection	IP65
2.15	USB	National standard charging interface left and right side of 1
2.16	working temperature	Charge: 0~55℃ Discharge: -20~60℃
2.18	Storage temperature: (℃)	-20℃ ~45℃ (within one month) 0℃ ~35℃ (within one year)
2.12	shipment SOC	60%~70%
2.2.2	cycle life	>2000 @25℃

System architecture

