

1S2P 18650 Battery Holder with Batteries

Name: 1S2P 18650 Battery Holder with Batteries

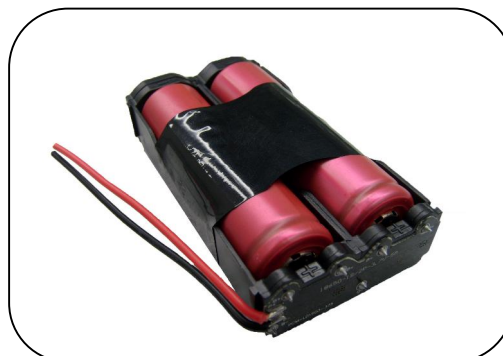
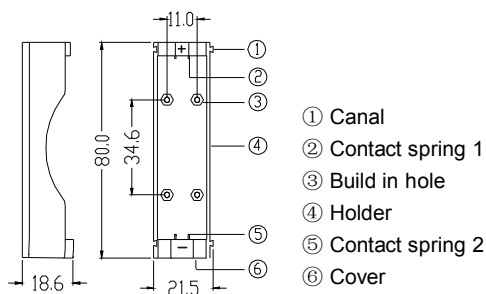
Part No. : 18650-1S2P-3.7V/4400mAh

PCM: PCM-L01S03 (1S2P)

Overall Size: 42 x 80 x 18.6 (mm)

Holder Materials: PC

Weight: 105.5g (Cells included)



The holder is specially designed with modern build-in protection circuit module. The feature can guarantee Li-ion battery pack safe in use. It's flexible and convenient for various customized application.

WARNING: Wrong polarity placement may cause dangerous accident in charging and discharging!!!

Protection Circuit Module Specifications

No.	Test Item	Description	Criterion
1	Voltage	Charging voltage	DC4.2V
		Balance voltage for single cell	/
2	Current	Balance current for single cell	/
		Current consumption for single cell	$\leq 10\mu A$
		Maximal continuous Charging current	5A
		Maximal continuous Discharging current	5A
3	Over charge protection	Over charge detection voltage	$4.325 \pm 0.025V$
		Over charge detection delay time	0.96S-1.4S
		Over charge release voltage	$4.075 \pm 0.025V$
4	Over discharge protection	Over discharge detection voltage	$2.50 \pm 0.05V$
		Over discharge detection delay time	115-173mS
		Over discharge release voltage	$2.9 \pm 0.05V$
5	Over current protection	Over current detection voltage	$0.15 \pm 0.015V$
		Over current detection current	$9.5 \pm 1A$
		Detection delay time	7ms-11ms
		Release condition	charge up
6	Short protection	Detection condition	Exterior short circuit
		Detection delay time	200-500us
		Release condition	Exterior short circuit
7	Resistance	Protection circuitry	$\leq 50m\Omega$
8	Temperature	Operating temperature range	$-40 \sim +85^{\circ}C$
		Storage temperature range	$-40 \sim +125^{\circ}C$

B+=Battery+, B-=Battery-

P+=Charge+/Discharge+

P-=Charge-/Discharge-

