

19.2V (6S) LiFePO4 battery pack protection circuit module specifications

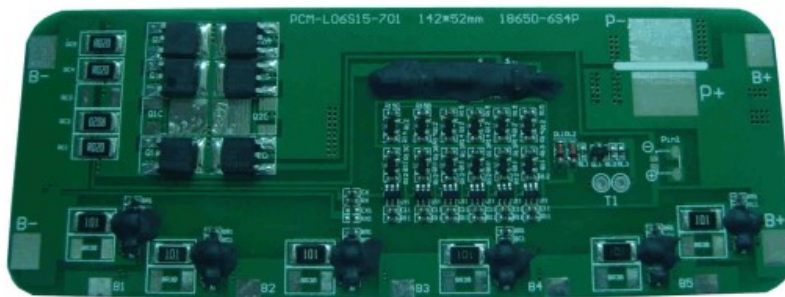
PCM-LFP6S20A

series no.	Test Items		Standard
1	voltage	charging voltage	DC:21.6V 3.6V/Cell
		single cell balancing voltage	3.60±0.5V
2	current	sing cell balancing current	72±10mA
		self-consumption- single cell	≤20 μ A
		max.continuous charging curent	20A
		max.continuous discharging curent	20A
3	over charge protection (single cell)	over charge detection voltage	3.90±0.025V
		over charge detection delay time	0.5S—2S
		over charge release voltage	3.80±0.05V
4	over discharge protection (single cell)	over discharge detection voltage	2.00±0.062V
		over discharge detection delay time	10mS—200mS
		over discharge release voltage	2.30±0.062V
5	over current protection	over current detection current	40±10A
		over curent detection delay time	5ms—100ms
		recover status	cut load, auto recovery
6	short circuit protection	detection status	exterior short circuit
		detection delay time	200-500us
		reovery status	cut load, auto recovery
7	internal resistance	protection circuit (MOSFET)	≤20m Ω
8	temperature	operation temp. Range	-40~+85℃
		storage temp. Range	-40~+125℃

kindly noted: the above parameter was test with temp.25℃, it will get tolerance if take different temp.

P+=B+=Charge+/Discharge+

P- =Charge-/Discharge- Size:L142*W52*T1.6mm



Pls attention:

- wires will be connected from B- to B+
- Pls make the wiring as above order (B-,B1,B2,B3.B4.B5=B+), otherwise bms will be damaged.