



PCM Specifications For 24V (10S) LTO Battery Packs

Model: 10S200A-321 (10S) Same port

No.	Test item		Criterion
1	Voltage	Charging voltage	DC:27.4V 2.75V/Cell
		Single balanced voltage	2.7±0.025V
2	Current	Balance current for single cell	40±5mA
		Current consumption	≤40 μA
		Maximal continuous charging current	20A
		Maximal continuous Discharging current	20A
		Peak current (5Seconds)	25A
3	Over charge Protection	Overcharge detection voltage	2.8±0.025V
		Over charge detection delay time	0.5S—1.5S
		Over charge release voltage for single cell	2.5±0.05V
4	Over discharge protection	Over discharge detection voltage for single cell	1.60V±0.0625V
		Over discharge detection delay time	1500mS—2000mS
		Over discharge release voltage for single cell	1.9±0.075V
5	Temperature protection	Charge and discharge temperature protection	90±5℃
		Charge and discharge temperature release	55±5℃
6	Resistance	Protection circuitry (MOSFET)	≤20mΩ
7	Temperature	Operating Temperature Range	-40~+65℃
		Storage Temperature Range	-40~+125℃

Note: This LTO BMS does not Over-current protection and Short- circuit protection

Size:L132*W90*T13mm

