

Product name: ICR18650-312PCM-R Protected

External dimensions:

Catalog Index	08436
Nominal Voltage	3.70V
Nominal Capacity	3120mAh
Charging Voltage (max)	4.20V
Discharging Voltage (min)	2.50V
Charging Current max	5A
Discharging Current max	15A
Cell	ICR18650-312PCM-R
Dimension	Φ18.8x69.0mm ±0.2
Weight	48.0g

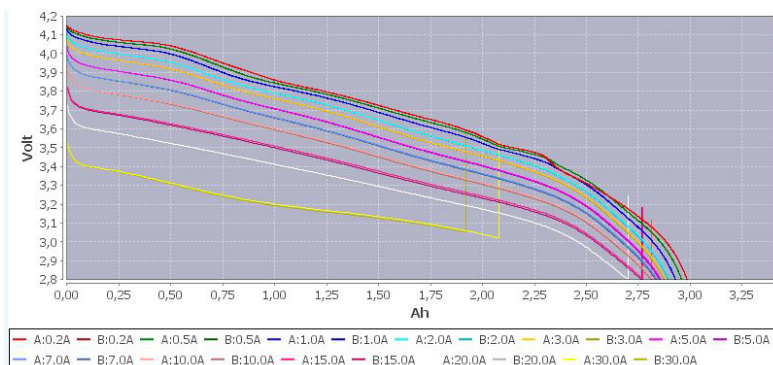


Electrical parameters of the PCM system		
Overcharge Protection Voltage	on	4.325V ±0.025
	off	4.075V ±0.025
Over Discharge Protection Voltage	on	2.50V ±0.05
	off	2.90V ±0.05
Over Current Protection		15A

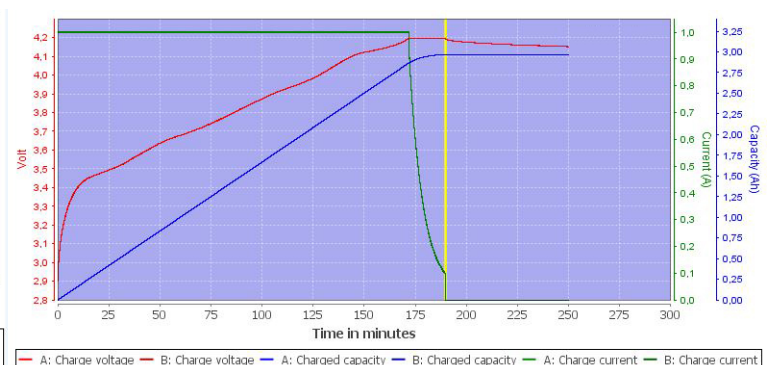


The PCM system, which is mounted in a battery, protects it against overcharging, over-discharge, overload and short circuit. The use of PCM / PCB systems, BMS, becomes necessary to avoid damage to the cell as a result explosion or fire.

Discharge characteristics of the cell ICR18650-312PCM-R



Characteristics of charging the cell ICR18650-312PCM-R



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