



PCM Specifications

Model: BMS - A308 Li-ion 3S

Items		Specifications	
		Lithium-ion/Lithium Polymer	LiFePO4
Charge	Charging voltage(CC/CV)-3S	CC/CV:12.6V	
	Maximal continuous charging current	4A	
Discharge	Maximal continuous discharging current	4A	
Low current consumption	Current consumption on operation	<20 μ A	
	Current consumption at power down	<0.1 μ A	
Cell-balance	Cell-balance detection voltage	/	
	Cell-balance release voltage	/	
	Cell-balance current	/	
Over-charge	Overcharge detection voltage	4.25 $\pm$ 0.025V	
	Overcharge release voltage	4.15 $\pm$ 0.05V	
	Overcharge delay time	0.5~2S	
Over-discharge	Overdischarge detection voltage	2.50 $\pm$ 0.062V	
	Overdischarge release voltage	3.0 $\pm$ 0.075V	
	Overdischarge delay time	100~300ms	
Discharge overcurrent	Discharge overcurrent detection voltage	0.2 $\pm$ 0.015V	
	Discharge overcurrent delay time	15~35ms	
	Discharge overcurrent protection	10 $\pm$ 2a(adjustable)	
	Release condition	Cut-off-load	
Short-circuiting protection	Load short-circuiting detection voltage	/	
	Detection condition	Exterior short circuit	
	Load short-circuiting detection delay time	200~800 μ s	
	Release condition	Cut-off-load	
Internal resistance	Static Drain-Source On-Resistance	<20m Ω (B- to P-)	
Temperature	Wide range of operation temperature	40 ~ + 85°C	
	Storage Temperature Range	-40 ~ +125°C	
Dimension		L32*W30*T3.5mm	

