

Charge Management Module Specifications For 12.8V LiFe-PO4 Battery Pack			
Part Number: CMB-LF128V4			
Item	Specification		Remark
Battery pack	12.8V（4S）		LiFe-PO4
Input power	DC:15-20V		Power supply
Input current	≥1.5A		
Charging Voltage	14.4±0.2V		3.6V / 1Cell
Charging Method	CC/CV		Constant-current and -Voltage with Limited current
Standard Charging Current	charging current	1.1A±0.1A	
Current consumption	Sleep Model	≤250mA	
Standard Charging Time	Hour（can adjust）		Battery Capacity÷Charging Current×1.5
Low voltage alarm	≤8V		2.0V / 1Cell
Short circuit protection	Detection condition	Exterior short circuit	Out Put
	Release condition	Charge Release	Input
LED condition	Charge	RLED	
	Charge full	GLED	
	Fuel gauge	25%-100%	3 LED
Operating temperature	-10～+65℃		
Storage temperature	-40～+125℃		
Weight	50grams MAX		
Outline dimension	L70*W35*T15mm		
Protection Circuit Module			
Maximal continuous discharging current	4A		battery pack
Over-current protection	10A（Can adjust）		
Over-current delay Time	5ms—15ms		
Over-charge detection voltage	3.9V±0.025V		single cell
Over-charge release voltage	3.8V±0.05V		single cell
Over-charge detection delay time	0.5S—1.5S		single cell
Over-discharge detection voltage	2.00V±0.08V		single cell
Over-discharge release voltage	Charge		single cell
Over-discharge detection delay time	50—150ms		single cell
Protection circuit impedance	≤60mΩ		B+ to P+

Size:L70*W35*T13mm

