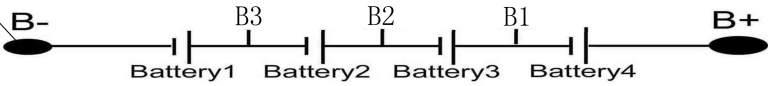
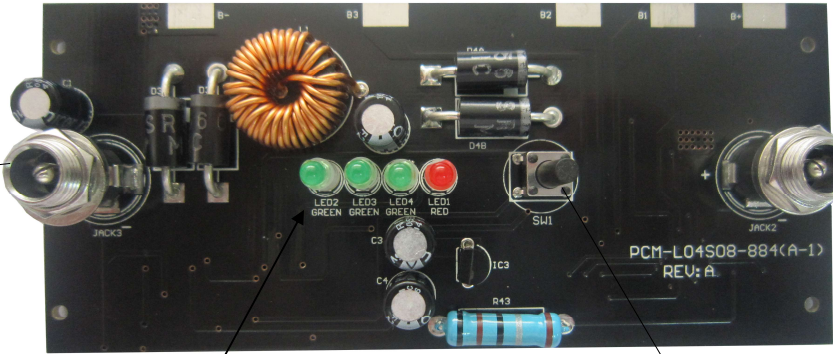


14.8V (4 series) Lithium Battery Management system			
		Note	
Battery Pack	14.8V (4Series)		Lithium Ion/Polymer
Input Voltage	DC:18-24V		Power Voltage
Input Current	≥2A		Power Current
Charging Voltage	16.8±0.1V		4.20V / cell
Charging Current	3A±0.5A		
Self Consumption	Management	≤3mA	Power
	Protection	≤50uA	Battery
Charging Time	Capacity / Charging Current x 1.5		
LED Status	Charging	CH/LOW Light On	
	Fully Charged	CH/LOW Light Off	
	Capacity Status	25%-100%	4 LED
	Error	CH/LOW Flashing	
	Short Protection	CH/LOW Flashing	
Working temperature	-40 ~ +85°C		
Storage Temperature	-40 ~ +125°C		
Size	L108*W49*T19mm		
Protection			
Max Continuous Discharging Current	10A		Battery Pack
Over Current Protection	15±3A		
Over current Delay Time	5ms—60ms		
Over Voltage Protection	4.35V±0.05V		Each Cell
Over Voltage Protection Recovery	4.15V±0.1V		Each Cell
Over Voltage Protection Delay Time	0.5S—2S		Each Cell
Over Discharging Voltage Protection	2.40V±0.1V		Each Cell
Over Discharging Voltage Protection Recovery	3.0±0.10V		Each Cell
Over Discharging Voltage Protection Delay Time	10—200ms		Each Cell
Short Protection	P+,P- Terminal Protection		
Short Protection Recovery Condition	Release Short and Charging Battery		
Short Protection Delay Time	200-800us		
Internal Resistance	≤50mΩ		

Connecting battery in order



Charging Terminal (2.5x5.5) Inside "+" Outside "-"



Discharging Terminal P+=Inside P-=Outside

LED indicator
Charging LED1-> Red
Battery Pack Voltage Below 15V LED4 -> Green
Battery Pack Voltage between 15V and 16V LED3 -> Green
Battery Pack Voltage above 16V LED2 -> Green

Switch
Press once, It will shows capacity. Press again,it will be turned off.
The LED indicator will be automatically turned off after 20s