

### BMS SPECIFICATIONS

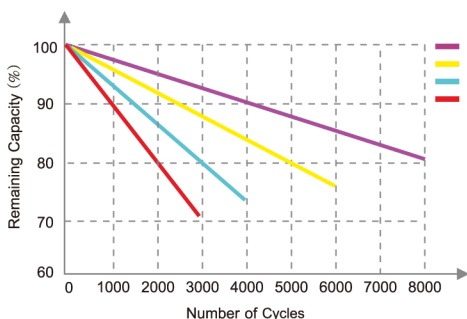
BMS Version :LL

BMS Protections Range:

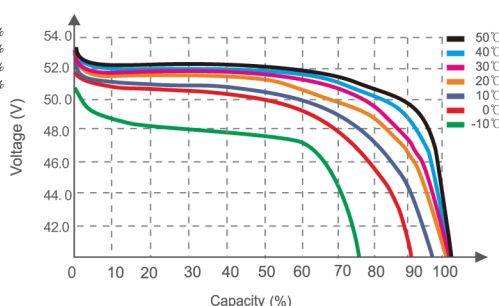
Over (Voltage, Current, Temperaturemanagement ) and cell balance

Over Charging Cell protection	>3.80	±0.05V	Delay	2 ±0.5S	
Over Charging Pack Warning	>59.2	±0.20V			
Over Charging Pack protection	>60	±0.20V	Delay	3 ±0.5S	
Over Charging Current Warning	>100	±2.0A			
Over Charging Current protection 1	>102<112	±2.5A	Delay	20 ±1.0S	Turning to 10A
Over Charging Current protection 2	≥112A	±2.5A	Delay	3 ±1.0S	
OverCharging Temp Protection 1	<-5 or>70	±3°C	Release	>0 or < 60	±3°C Delay:2±0.5S
Over Discharging Cell protection	<2.8	±0.05V	Delay	2 ±0.5S	
Over Discharging Pack protection	<43.2	±0.20V	Delay	2 ±0.5S	
Over Discharging current Warning	>102	±2.5A			
Over Discharging current protection 1	>102 <122	±2.5A	Delay	30 ±1.0S	
Over Discharging current protection 2	≥122A	±2.5A	Delay	3 ±1.0S	
Over Discharging Temp Protection 1	<-25 or>75	±3°C	Release	>-20 or < 70	±3°C
PCB Temp protection	>95	±3°C	Release	< 80	±3°C Delay:2±0.5S
Cell Balance Start		3.4 ±0.05V		Cell voltage difference < 20mV	Passive balance
Balance Current		90 ±20mA			
Short circuit	560A		Delay	0.1 ±0.2ms	
Power consumption	<300	uA	Switch-off mode		Storage & transportation
	<500	uA	Sleep mode		Protection & stand-by
	<15	mA	Operating mode		Operating
	<28	mA	Operating mode		Low voltage to start Pre-charge
Communication ports			Major RS485,optional for CAN/Bluetooth/Dryport/SNMP		Can be customized
Temperature accuracy	±2	°C		Measuring range -40~100°C	
Voltage accuracy	±15	mv		For cells and module	
Current accuracy	FSC	±5%		Measuring range -200~+200A	
SOC	±5%			Integral calculation	

Different DOD Discharge Cycle Life Curve 1C 25C



Different Temperature Discharge Curve(0.2C)



State of Charge Curve(0.5C, 25°C)

