

Slave BMS



Configuration	
Cell Chemistry	LiFePO4, NMC
No of Cells in series	52 cells
Cell Voltage range (V)	
LiFePO4	2.60 – 3.60 V
NMC	3.0 – 4.20 V
Total Voltage (LiFePO4)	166.4 V (nominal)
Total Voltage (NMC)	187.2 V (nominal)
Cell Balance	Passive balance up to 100mA
Number of NTC Thermistors	4 external
Operating temperature	-20 to 60 °C
Communication	RS 485 isolated, CAN
Protections Enabled	
Cell Under Voltage	135 for LiFePO4, 156 for NMC
Cell Over Voltage	187 for LiFePO4, 218 for NMC
Over Temperature	60 °C
Dimensions (W x D x H) mm	200 x 75 x 50 mm
Data Acquisition Parameters	
Cell Voltages (LiFePO4)	2.60 to 3.60 V
Cell Voltages (NMC)	3.0 – 4.20 V
Temperature	0 – 55 °C
SOC	10 – 100 %
Cell Balancing Status	Individual Cell Enabled
Protection Status	Enabled
Status Indications	Power ON
	RUN
	SOC
	Cell balance
	Battery UV
	Battery OV

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