

Polymer Ternary Lithium Manganese Oxide Protection Board Parameters (3.6V/3.7V)

Protection Item	Min	Typ	Max Unit
Overcharge Voltage	4.21	4.25	4.29 V
Overcharge Recover Voltage	4.14	4.19	4.24 V
Overcharge Voltage Protection Delay	500	1000	1500 ms
Overdischarge Voltage	2.72	2.8	2.88 V
Overdischarge Recover Voltage	2.9	3	3.1 V
Overdischarge Voltage Protection Delay	500	1000	1500 ms
Overdischarge Current		100	A
Separate Port Discharge Current (Continued)		50	80 A
Common Port Discharge Current (Continued)		40	60 A
Overcurrent Charge Protection Delay	100	200	300 ms
Overcurrent Charge Current		100	A
Charging Current (Continued)		40	60 A
Overcurrent Charge Protection Delay	10	20	30 ms
Standby Current		17	25 μ A
Temperature Protection		High-Temperature Control Port	
Heat Resistance Protection		Yes	
Short Circuit Protection		No	
Overcurrent Recovery Method		Disconnect Load to Release	
Balancing Function		Yes	
Balancing Voltage		4.18	V
Balancing Current		60	mA

Protection Item	Min	Typ	Max Unit
Dimensions		62*42*4	mm
Color		White (PCB)	
Weight		17	g
Standard Accessories		Battery Board	
Standard Packaging		Anti-Static Bag	
Wire Specifications		None	
Wire Length		None	cm
Operating Temperature		-20°C~+65°C	°C
Storage Temperature		-40°C~+85°C	°C

Lithium Iron Phosphate Protection Board Parameters (3.2V)

Protection Item	Min	Typ	Max Unit
Overcharge Voltage	3.61	3.65	3.69 V
Overcharge Recover Voltage	3.5	3.55	3.6 V
Overcharge Voltage Protection Delay	500	1000	1500ms
Overdischarge Voltage	2.27	2.35	2.45 V
Overdischarge Recover Voltage	2.45	2.55	2.65 V
Overdischarge Voltage Protection Delay	500	1000	1500ms
Overdischarge Current protection		100	A
Separate Port Discharge Current (Continued)		50	80 A
Common Port Discharge Current (Continued)		40	60 A
Overcurrent Protection Delay	100	200	300 ms
Overcurrent Charge Current		100	A
Charging Current (Continued)		40	60 A
Overcurrent Charge Protection Delay	10	20	30 ms
Standby Current		17	25 μ A
Temperature Protection		High-Temperature Control Port	

Protection Item	Min	Typ	Max Unit
Heat Resistance Protection		Yes	
Short Circuit Protection		No	
Overcurrent Recovery Method		Disconnect Load to Release	
Balancing Function		Yes	
Balancing Voltage		3.405	V
Balancing Current		60	mA
Dimensions		62*42*4	mm
Color		White (PCB)	
Weight		17	g
Standard Accessories		Battery Board	
Standard Packaging		Anti-Static Bag	
Wire Specifications		None	
Wire Length		None	cm
Operating Temperature		-20°C~+65°C	°C
Storage Temperature		-40°C~+85°C	°C