

8cells (24V) Li-FePO4 Battery Pack Protected Board

Items	Parameter	Min.	Normal	Max.	Unit
1	Fully Charged Voltage		29.20	29.40	V
2	Charge Current		10	20	A
3	Discharged Current		40		A
4	Over-discharged Current			80	A
5	Single cell Operation Current			0.2	mA
6	Cell Balance Current	100	120	140	mA
7	Cell Balance Detect Voltage	3.585	3.610	3.635	V
8	Cell Overcharge Detect Voltage (25°C)	3.875	3.900	3.925	V
9	Overcharged Detect Delay Time	0.96	1.2	1.24	s
10	Cell Over-discharged Detect Voltage	1.975	2.000	2.025	V
11	Over-discharged Detect Delay Time	115	144	173	ms
12	Shot Circuit Protect Function	Automatic Reset after remove short circuit			
13	PCM Resistance (25°C)		0.25	0.35	mΩ
14	Operating Temperature	-40		85	°C
15	Storage Temperature	-40		125	°C