Protection Circuit Module

For 14.8V Li-ion/Li-polymer Battery Pack

oltage urrent vercharge Protection ver-discharge Protection	Charging voltage Balance voltage for single cell Balance current for single cell Current consumption for single cell Maximal continuous discharging current Over charge detection voltage Over charge release voltage Over discharge detection voltage Over discharge detection voltage	DC:16.8V CC/CV ≤50μA 2A 4.35 V±0.025V 0.5S~1.5S 4.15±0.05V 2.40±0.08V
urrent vercharge Protection	Balance current for single cell Current consumption for single cell Maximal continuous discharging current Over charge detection voltage Over charge detection delay time Over charge release voltage Over discharge detection voltage	2A 4.35 V±0.025V 0.55~1.5S 4.15±0.05V 2.40±0.08V
vercharge Protection	Current consumption for single cell Maximal continuous discharging current Over charge detection voltage Over charge detection delay time Over charge release voltage Over discharge detection voltage	2A 4.35 V±0.025V 0.55~1.5S 4.15±0.05V 2.40±0.08V
vercharge Protection	Maximal continuous discharging current Over charge detection voltage Over charge detection delay time Over charge release voltage Over discharge detection voltage	2A 4.35 V±0.025V 0.55~1.5S 4.15±0.05V 2.40±0.08V
	Over charge detection voltage Over charge detection delay time Over charge release voltage Over discharge detection voltage	4.35 V±0.025V 0.5S~1.5S 4.15±0.05V 2.40±0.08V
	Over charge detection delay time Over charge release voltage Over discharge detection voltage	0.5S~1.5S 4.15±0.05V 2.40±0.08V
	Over charge release voltage Over discharge detection voltage	4.15±0.05V 2.40±0.08V
ver-discharge Protection	Over discharge detection voltage	2.40±0.08V
ver-discharge Protection		+
ver-discharge Protection	Over discharge detection delay time	
		50~150mS
	Over discharge release voltage	3.0±0.10V
5 Over Current Protection	Over current detection voltage	2.9±0.05V
	Over current detection current	5±1A(adjustable)
	Detection delay time	5ms~15ms
	Release condition	Automatic Recovery
6 Short Protection	Detection condition	Exterior short circuit
	Detection delay time	200-500us
	Release condition	Automatic Recovery
esistance	Protection circuitry	≤80mΩ
8 Temperature	Operating temperature range	-40∼+85℃
	Storage temperature range	-40∼+125℃
ize		L50*W16*T4mm
P+ = Charge+/Discharge+ R14 RSRIORII P+ RSRIORII P-CIRIZREC RZCS RI3A R3 CERCC	P- = Charge-/Discharge-	
h e e	esistance mperature 2e Charge+/Discharge+	Detection delay time Release condition Detection condition Detection delay time Release condition Protection circuitry Operating temperature range Storage temperature range P+ = Charge+/Discharge+ P- = Charge-/Discharge- P- = Charge-/Discharge- P- = Charge-/Discharge-

^{*} Characteristics subject to change without notice.