

Constant Discharge Current	20A	30A	40A	60A
Constant Charge Current	15A	20A	30A	40A
Over Current	2-4 times constant current			
Cell Type			Li-ion	LiFePO4
Charge Voltage			4.2V*Cell Series	3.65V*Cell Series
Over-Charge Protection	Over-charge detection protection voltage		4.25V \pm 0.025V	3.65V \pm 0.25V
	Over-charge protection delay time		500~1500ms	500~1500ms
	Over-charge protection recovery voltage		4.15V \pm 0.05V	3.5V \pm 0.05V
Balance	Balance start voltage		4.2V \pm 0.025V	3.5V \pm 0.05V
	Balance release voltage		< 4.18V	< 3.5V
	Balance current		60mA	60mA
Over-Discharge Protection	Over-discharge detection voltage		3.0 \pm 0.1V	2.35 \pm 0.1V
	Over-discharge protection delay time		500~1500ms	500~1500ms
	Over-discharge protection recovery voltage		3.0 \pm 0.1V	2.7 \pm 0.1V
Over-Discharge Current Protection	Over-current protection current		7~13 times	7~13 times
	Delay time		100~400ms	100~400ms
	Release conditions		Load off or charge activated	
Short Circuit Protection	Short protection condition		External short with load	
	Short protection delay time		300 μ s	
	Short protection release condition		Load off > 60s	
Temperature	Working temperature		-20°C ~ 75°C	
	Max discharge working temperature		75°C \pm 5°C	
Self-Current Consumption	Working current consumption		Less than 40mA	
	Sleep current consumption		Less than 30 μ A	
Dimensions			108mm*65mm*10mm 108mm*65mm*15mm (40A,60A)	