

details	specification	unit	Remarks
Discharge	Large discharge current	30	A
	Instantaneous discharge current	70	A
Charge	Charging voltage	16.8	V
	recharging current	30 (MAX)	A
Overcharge protection	Overcharge detection voltage	4.25 ± 0.05	V
	Overcharge protection delay	0.1	S
	Overcharge release voltage	4.08 ± 0.05	V
Electricity balance	Power balance detection voltage	/	V
	Power balance release voltage	/	V
	Electricity balance current	55	mA
Over discharge protection	Over discharge detection voltage	2.55 ± 0.08	V
	Overdischarge detection delay	0.1	S
	Over discharge release voltage	2.9 ± 0.1	V
Overcurrent protection	Overcurrent detection voltage	150	mV
	Overcurrent detection delay	9	MS
	Overcurrent protection current	75 ± 5	A
	Overcurrent protection release condition	Disconnect the load	
Short circuit protection	Short circuit protection conditions	External load short circuit	
	Short circuit detection delay	250	uS
	Short circuit protection release condition	Open open	
Temperature protection	Temperature protection	/	°C
Internal resistance	Main circuit conduction resistance	≤ 15	mΩ
Self power consumption	Working current	≤ 30	uA
	Sleep current (when battery is over)	≤ 10	uA
Operating temperature	temperature range	-30 / + 80	°C