

Data Sheet

Item	Contents		Criteria (Adjustable)
1	Model	SD178 / G4E	8S-20A working current
2	Voltage	Charging voltage	28.8V
3	Current	Maximal continuous charging current	20A
		Maximal continuous discharging current	20A
		Current consumption	≤50μA
4	Overcharge Protection	Over charge detection voltage	3.9V±0.025V
		Over charge detection delay time	0.5~2S
		Over charge release voltage	3.8V±0.05V
5	Over Discharge Protection	Over discharge detection voltage	2.0V±0.05V
		Over discharge detection delay time	50~200mS
		Over discharge release voltage	2.3V±0.1V
6	Over Current Protection	Over current detection voltage	0.1V~0.2V
		Over current detection current	40A±10A
		Detection delay time	5~20mS
		Release condition	Cut load,automatically recover
7	Short Circuit Protection	Detection condition	Exterior shot circuit
		Detection delay time	200~500uS
		Release condition	Cut load,automatically recover
8	Balance	Balance voltage for single cell	3.6V±0.025V
		Balance current for single cell	72mA ±10mA
9	Resistance	Inner resistance	≤20mΩ
10	Temperature	Operating temperature range	0~+85°C
		Storage temperature range	0~+85°C
11	Size (L*W*T)	L145mm*W59mm*T15mm	

