

		Contents	Criteria
			10S - 30A working current
1	Voltage	Charging voltage	DC: 42V CC/CV
		Balance voltage for single cell	4.2±0.025V
2	Current	Balance current for single cell	84±10mA
		Current consumption	≤20µA
		Maximal continuous charging current	10A
		Maximal continuous discharging current	30A
3	Over charge Protection	Over charge detection voltage	4.25±0.025V
		Over charge detection delay time	0.5S—2S
		Over charge release voltage	4.05±0.05V
4	Over discharge protection)	Over discharge detection voltage	2.50±0.062V
		Over discharge detection delay time	10mS—200mS
		Over discharge release voltage	2.50±0.062V
5	Over current protection	Over current detection voltage	0.20±0.02V
		Over current detection current	100±10A
		Detection delay time	5ms—20ms
		Release condition	Cut load
6	Short protection	Detection condition	Exterior short circuit
		Detection delay time	200-500us
		Release condition	Cut load
7	Resistance	Protection circuitry (MOSFET)	≤20mΩ
8	Temperature	Operating Temperature Range	-40~+85°C
		storage temperature range	-40~+125°C
9	Size (L*W*T)	78 x 47 x 18 mm	
			