

6.PCB use high anti-corrosion, high water resistance, high impedance ESD conformal Coating

16S 48V	Detail	Parameter						Unit
Discharge	Maximal Continuous Discharging Current	80	100	120	150	200	250	A
	Peak Discharging Current	260±3 0	300±3 0	360±5 0	450±1 00	500±1 00	600±1 00	A
Internal Resistance	MOSFET	≤10	≤10	≤10	≤10	≤10	≤10	mΩ
Charge	Charging Voltage	60						V
	Charging Current	80	100	120	150	200	250	A
Over charge protection	Over Charge Detection Voltage	3.75±0.05						V
	Over Charge Detection Delay Time	1						S
	Over Charger Release Voltage	3.55±0.05						V
Cell balancing	Cell balancing Detection Voltage	3.5						V
	Cell balancing Release Voltage	3.5						V
	Cell balancing Current	30±5						mA
Over discharge protection	Over Discharge Detection Voltage	2.2±0.1						V
	Over Discharge Detection Delay Time	1						S
	Over Discharger Release Voltage	2.7±0.1						V
Over current protection	Over Current Detection Delay Time	1						mS
	Over Current Protection Condition	Disconnect the load						
Short Protection	Detection Condition	Exterior Short Circuit						
	Detection Delay Time	250						uS
Temperature Protection	Release Condition	Disconnect the load						
	Temperature Protection	Charge<-5 or >50 Discharge>70						°C
Self-consumption	Working current	100						uA
	Sleeping current(over discharge)	20						uA
Working Temperature	Temperature Range	-20~70						°C
Storage Temperature	Temperature Range	-40~80						°C
Size	80A(150*66*17mm) 100A(150*66*25mm) 120A-150A(180*66*26mm) 200A-250A(120*211*32mm)							