

POWER-XTRA

Model: Power-Xtra Li-ion/Li-Po PCM 25.9V (7 Cell) 80 A ver:001 Stock Code: 900.600.501.108

Test item (Test at normal temperature 25±2°C)		Criterion
Voltage	Charging voltage	DC: 58.8V CC/CV (4.2v/Cell) 14s
Supply Current	Normal operating mode current: Fuel gauge in NORMAL mode. ILOAD > Sleep Current	≤50uA
	Maximal continuous charging current	20A
	Maximal continuous discharging current	80A
	Balance current for single cell	42±10mA
Over-charge Protection (single cell)	Balance voltage for single cell	4.2V±0.05V
	Over charge detection voltage	4.25±0.05V
	Over charge detection delay time	0.5S-2S
	Over charge release voltage	4.05±0.1V
Over discharge protection (single cell)	Over discharge detection voltage	2.8±0.05V
	Over discharge detection delay time	10-200mS
	Over discharge release voltage	3.0±0.1V
Current protection (Battery pack)	ChargeOver current detection current	/
	Detection delay time	/
	Discharge Over current detection current	150±20A
	Detection delay time	5ms-20ms
	Release condition	Cut load, Auto Recovery
Short protection	Detection condition	Exterior short circuit
	Detection delay time	200-600us
	Release condition	Cut load
Resistance	Main loop electrify resistance	≤50mΩ
Temperature	high temperature discharge protection	70°C
	Discharge temperature detection delay time	2s
	high temperature discharge recover protection	60°C
	Operating Temperature Range	-40 ~ +85°C
	Storage Temperature Range	-40 ~ +125°C

SIZE: L180 *W65 *T22 mm

NTC: / Temperature switch: 70 °C (the batteries temperature) Weak current switch: / Activation Method: /

