

POWER-XTRA

Model: Power-Xtra Li-ion/Li-Po PCM 48.1V (13 Cell) 30 A_PCX-LI13S30A		Stock Code: 900.600.501.134
Test item (Test at normal temperature 25±2°C)		Criterion
Voltage	Charging voltage	DC: 54.6V CC/CV (4.2v/Cell) 13s
Supply Current	Normal operating mode current : Fuel gauge in NORMAL mode. ILOAD > Sleep Current	≤30uA
	Maximal continuous charging current	30A
	Maximal continuous discharging current	30A
	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	2.5±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	100±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	65°C
	Operating Temperature Range	-40 ~ +85°C
	Storage Temperature Range	-40 ~ +125°C
SIZE: L 105*W 65*T14 mm		
NTC: / Temperature switch: 65 °C (the batteries temperature) Weak current switch: yes Activation Method: /		

