

POWER-XTRA

Model: Power-Xtra Li-ion/Li-Po PCM 3.7V (1 Cell) 4 A_PCX-L01S05-792 ver:001 Stock Code: 900.600.501.119

No.	Test item		Criterion
1	Voltage	Charging voltage	DC:4.2V CC/CV 4.2V/Cell
		Balance voltage for single cell	/
2	Current	Balance current for single cell	/
		Low Current consumption	$\leq 7\mu\text{A}$
		Maximal continuous charging current	4A
		Maximal continuous Discharging current	4A
3	Over charge Protection	Over charge detection voltage	$4.325\pm 0.025\text{V}$
		Over charge detection delay time	0.5–2S
		Over charge release voltage	$4.06\pm 0.05\text{V}$
4	Over discharge protection	Over discharge detection voltage	$2.50\pm 0.062\text{V}$
		Over discharge detection delay time	10–200ms
		Over discharge release voltage	$2.50\pm 0.05\text{V}$
5	Over current protection	Over current detection current	$7\pm 2\text{A}$
		Detection delay time	5ms–20ms
		Release condition	Cut load, Auto Recovery
6	Short protection	Detection condition	Exterior short circuit
		Detection delay time	200-500uS
		Release condition	Cut load , Auro Recovery
7	Resistance	Protection circuitry	$\leq 50\text{m}\Omega$
8	Temperature	Operating Temperature Range	$-40\sim +85^{\circ}\text{C}$
		Storage Temperature Range	$-40\sim +125^{\circ}\text{C}$

