

Protection Circuit Module Specifications For 3.7V Li-ion/Li-Po Battery Pack			
Model: CU-J829			
No.	Test item		Criterion
1	Voltage	Charging voltage	DC:4.2V CC/CV
2	Current	Current consumption	$\leq 10 \mu A$
		Maximal continuous discharging current	5A
3	Over charge Protection	Over charge detection voltage	4.30V \pm 0.05V
		Over charge detection delay time	80—200mS
		Over charge release voltage	4.10 \pm 0.05V
4	Over discharge protection	Over discharge detection voltage	2.4V \pm 0.1V
		Over discharge detection delay time	40—100mS
		Over discharge release voltage	3.0V \pm 0.1V
5	Over current protection	Over current detection voltage	150 \pm 30mv
		Over current detection current	8 \pm 1A
		Detection delay time	10ms—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	$\leq 40m \Omega$
8	Temperature	Operating Temperature Range	-40~+85 $^{\circ}$ C
		Storage Temperature Range	-40~+125 $^{\circ}$ C
9	Dimension		31 x 5 x 2.5mm

IC: DW01+ (Fortune)

MOSFET: AO8810 (Alpha & Omega)

P+,P- = Charge+/-,Discharge+/-

