

logo	BATTERY SPECIFICATION	No : LGP523450-01026SZ
	Originated by: Date: 10 Mar 2014	Page : 1 of 2 Issue No. : 3 Issue Date : Jun / 17 / 2014

Nominal Ratings : 3.70V, 2300mAh, 8.51Wh

Composition : 1S2P LG523450D2 Lithium ion cell with 2.5A protection circuit

NB: Actual voltage and capacity in use will be affected by various factors, including temperature, discharge rate, charge rate and method(if applicable),end point voltage, history(e.g. past use, storage) etc.



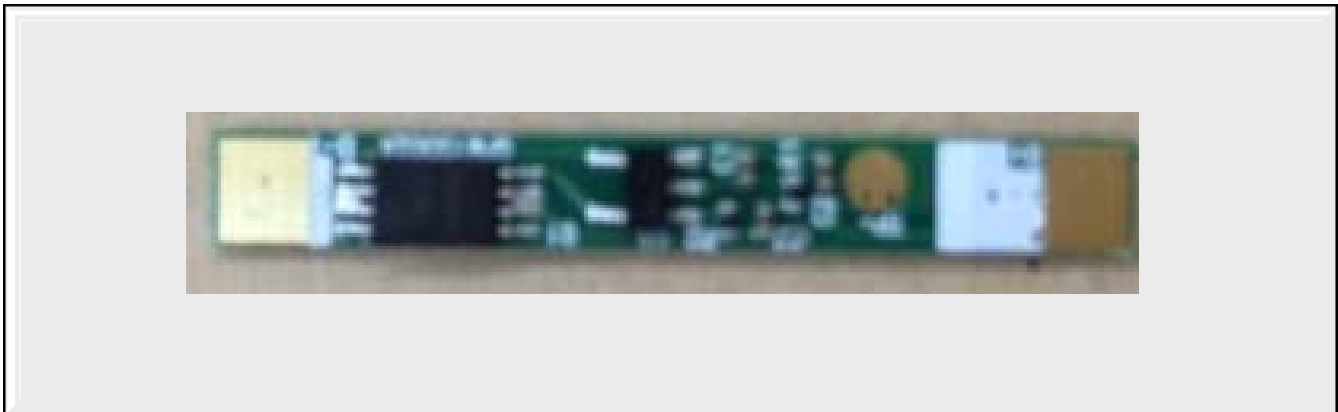
No	Description	Specification	Remark
1	Battery	LG 523450D2	LG CHEM.
2	Capacity	2300 Ma	Nominal Capacity
3	Voltage	3.7V	Nominal Voltage
4	Charging Voltage	4.2V ±0.2V	
5	Charging current	1150 mA	
6	Charging method	CC-CV	
7	Over Current	2.5 A	
8	Weight	Approx 50 g	
9	Size (L x W x D)	55 * 34 * 12	

Mechanical Details:

NB: **All dimensions are max size.** Sleeved packs are not weather proof and are designed to be installed in a protective case or within equipment. They are not intended to be handled by the end user of the equipment and will normally require hard cases before they can be repeatedly inserted and removed.

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Protection Devices:	NB: These devices are designed to protect the pack in the event of control circuit failures e.g. charger failure. They must not be used a main means of charge/discharge control. Protection circuits have response times in the order of a few milliseconds.
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No	Description	Specification	Remark
1	PCM No.	GPM1S002A	I B Co.,Ltd.
2	Over Charge Protection	4.275V±25mV	
3	Over Charge Release	4.075V±50mV	
4	Over Discharge Protection	2.60V±80mV	
5	Over Discharge Release	2.90V±100mV	
6	Over Current	2.5A±0.5A	
7	Size (D x W x H)	32.0*4.0*2.3t	
8	Fuse / PTC	None /	
9	Thermal Fuse	None	
10	Bypass diode	None	

Wire:	Approx 120 mm AWG 24 Equipment Wire
Connector	None
Covering	Heat Shrink Tube
Labeling	Standard