

**1 YEAR WARRANTY**

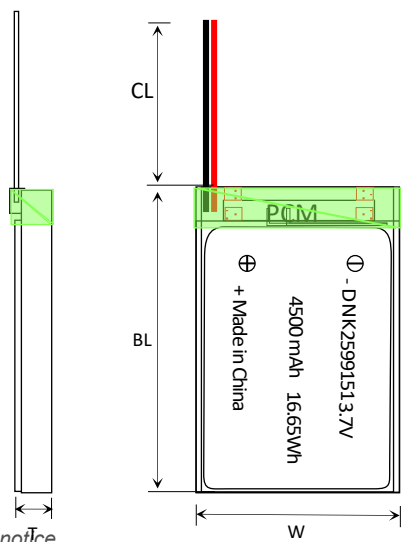
**DNK**

3.7V DNK2599151 4500mAh LiPo Battery Pack with PCM.  
This datasheet describes the properties which is manufactured by DNK POWER Co. Ltd.- China.

**Battery Dimension Pictures**



Item	Parameter (mm)
T	2.5
W	99
M	10
L	151
L <sub>1</sub>	153
BL	153 ± 1
CL	100



**Electrical Data**

Part Number	LP 2599151
Nominal Voltage	3.7V
Nominal Capacity	4500 mAh
Internal Impedance	<60mΩ
Charge Voltage	4.2V
Recommended Charge Current	0.2C
Allowed Max Charge Current	0.5C
Output Voltage Range	4.2 - 2.5V
Recommend Discharge Current	0.2C
Max Continuous Discharge Current	1C
Pulse Discharge Current	3C(10mS)
Discharge Cut-off Voltage	2.5 ± 0.05V
Cycle Life to 80% Health	500(0.2C, 25°C)

**Environmental Data**

Charging Temperature Range	0 - 45° C
Discharge Temperature Range	-20 - 60° C
Storage Period 1 Week	-20 - 45° C
Storage Period 1 Month	-10 - 45° C
Storage Period 6 Months	0 - 35° C

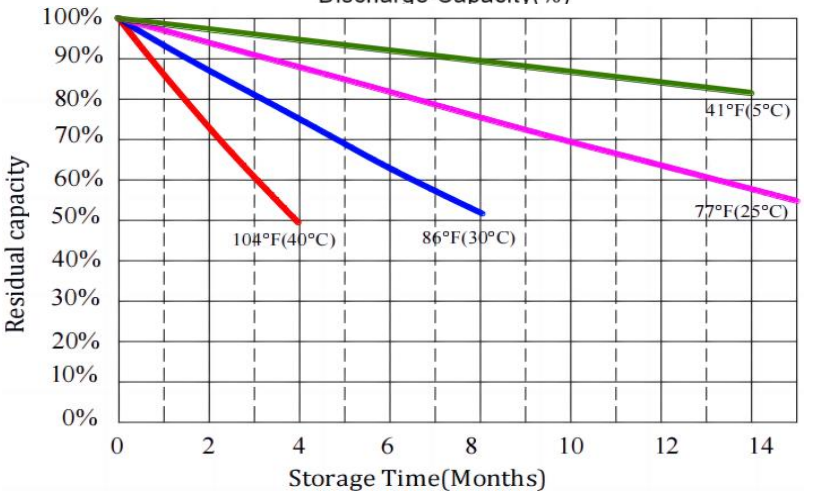
**Battery Protection**

Over Charge	4.275 ± 50mV
Over Discharge	2.5V ± 50mV
Over Current	3A to 5A
Short Circuit	Yes

**Mechanical Data**

Dimension(L <sub>1</sub> +W*T)	153 x 99 x 2.5 mm
Weight	appr 75 g
Battery Terminals	WC/FL*

\*WC=With Connector FL=Flying Leads Specifications are subject to change without notice



**ANNOUNCEMENTS**

- LiPo batteries must only be charged with a manufacturer recommended LiPo charger.
- LiPo batteries have very specific charging requirements. Some chargers, such as those used for toys or cell phones, are made to charge a specific cell count and are not configurable for other cell counts. The LiPo charger used must be able to handle the cell count of the battery you are charging.

**CONTACT INFO**

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