

**1 YEAR WARRANTY**

**DNK**

3.7V DNK5959111 4650mAh LiPo Battery Pack with PCM.  
 This datasheet describes the properties which is manufactured by DNK POWER Co. Ltd.- China.

**Electrical Data**

Part Number	LP 5959111
Nominal Voltage	3.7V
Nominal Capacity	4650 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

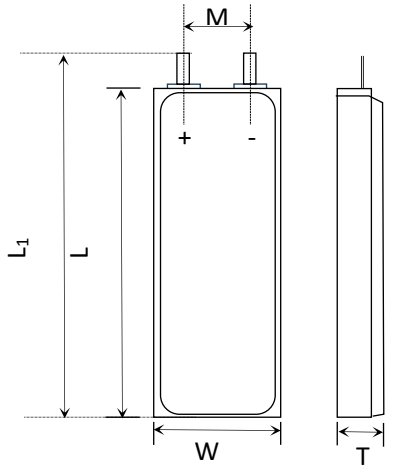
**Battery Protection**

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

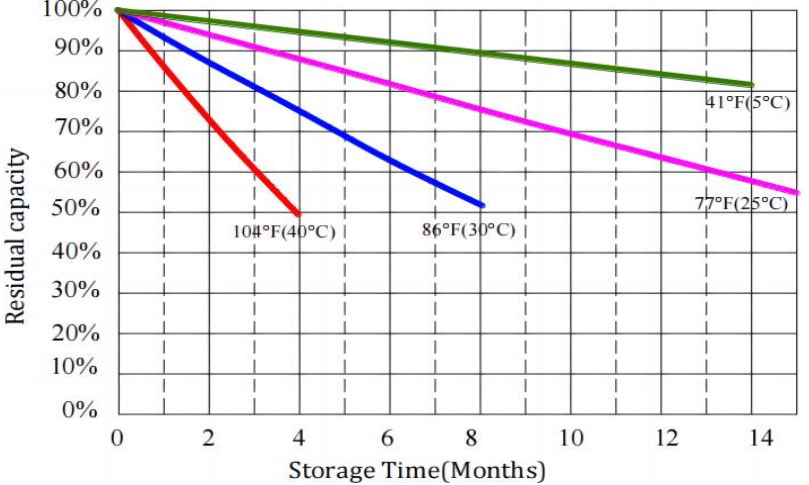
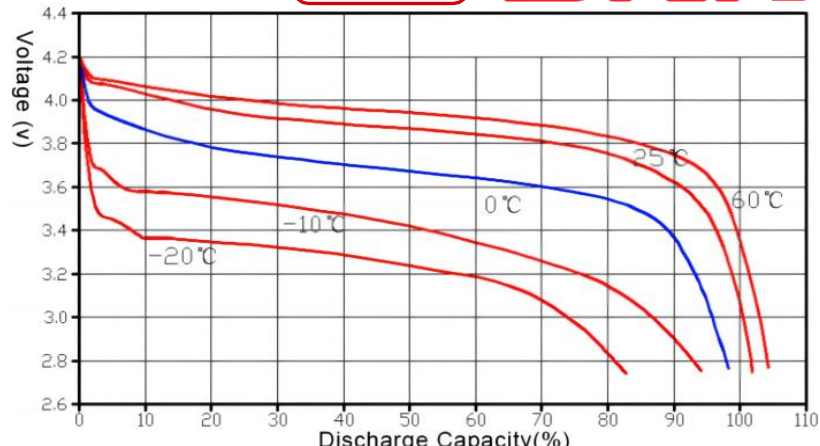
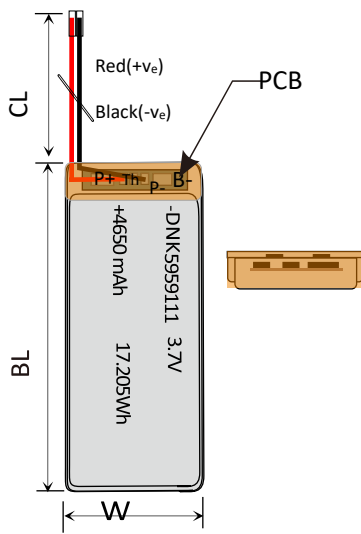
**Mechanical Data**

Dimension(L <sub>1</sub> +W*T)	113 x 59 x 5.9 mm
Weight	appr 77.5 g
Battery Terminals	WC/FL*

**Battery Dimension Pictures**



Item	Parameter (mm)
T	5.9
W	59
M	20
L	111
L <sub>1</sub>	113
BL	113 ± 1
CL	100



**ANNOUNCEMENTS**

- If you have dropped or damaged a LiPo battery in any way, do not attempt to charge it.
- Never charge a lithium polymer battery pack that has been punctured or damaged in a crash.
- Never charge a LiPo battery while it is inside your model or other electronic device.
- Never store batteries inside of an automobile.

**CONTACT INFO**

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