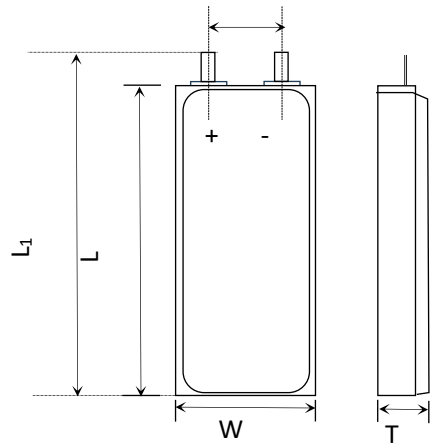


**1 YEAR WARRANTY**

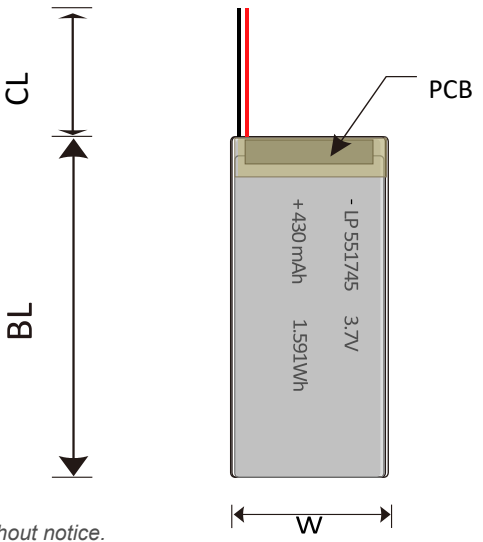
**DNK**

3.7V DNK551745 430mAh 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	5.5
W	17
M	10
L	45
L <sub>1</sub>	47
BL	47 ± 1
CL	100



**Electrical Data**

Part Number	LP 551745
Nominal Voltage	3.7V
Nominal Capacity	430 mAh
Internal Impedance	<60m Ω
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**

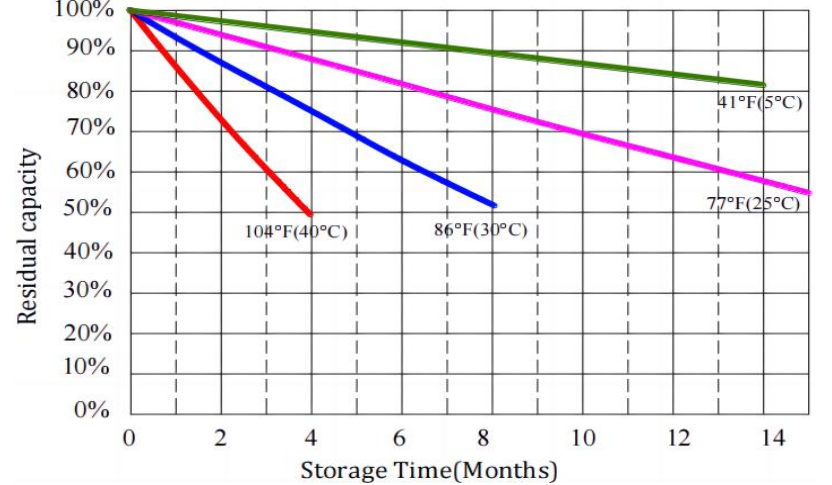
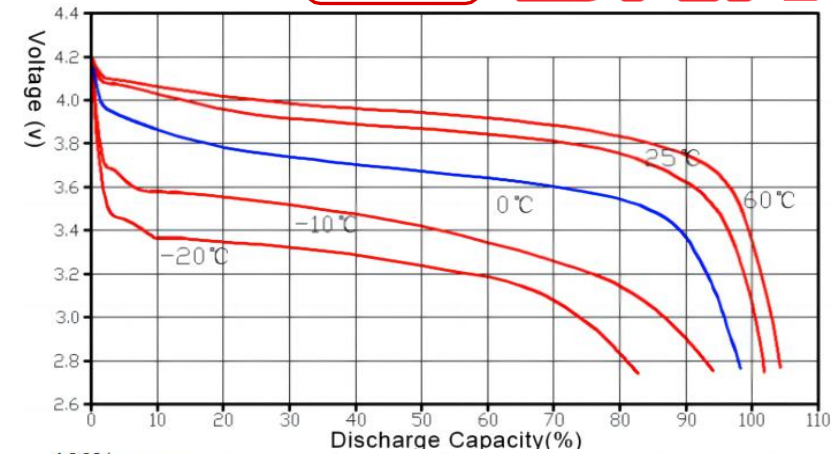
Over Charge	4.275 ± 50mV
Over Discharge	2.5V ± 50mV
Over Current	3A to 5A
Short Circuit	Yes

**Mechanical Data**

Dimension(L <sub>1</sub> +W*T)	47 x 17 x 5.5 mm
Weight	≤10 g

**Battery Terminals**

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



**ANNOUNCEMENTS**

- Do not allow reverse charging, the li-po battery should be accurately connected by polarity, can not be reversed.
- The li-po battery can not be used under extreme conditions, such as: extreme temperature, deep cycle, extreme overcharge and over-discharge.
- Do not solder the li-po battery directly. If the li-po battery is noisy, high temperature, liquid leakage and other anomalies, please stop using it immediately.

**CONTACT INFO**

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 Learn More on: <https://www.dnkpower.com/>