

**1 YEAR WARRANTY**

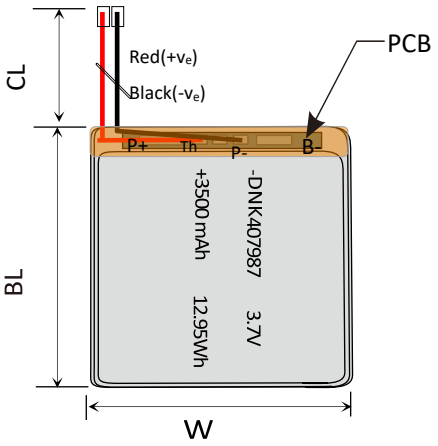
**DNK**

3.7V DNK407987 3500mAh 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	4.0
W	79
M	10
L	87
L <sub>1</sub>	89
BL	89 ± 1
CL	100



### Electrical Data

Part Number	LP 407987
Nominal Voltage	3.7V
Nominal Capacity	3500 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

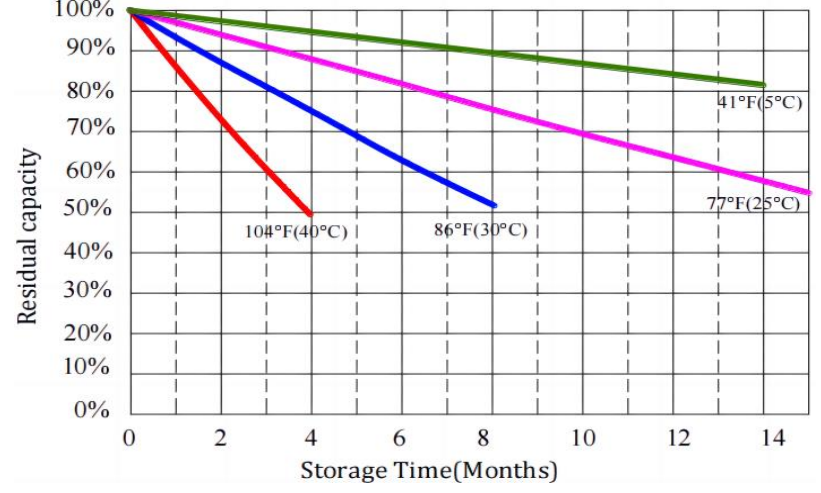
### Battery Protection

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

### Mechanical Data

Dimension(L <sub>1</sub> +W*T)	89 x 79 x 4.0 mm
Weight	appr 58.4 g

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



### ANNOUNCEMENTS

- Do not fully discharge your LiPo battery . Discharging a LiPo beyond it's critical minimum voltage (3.0v) can cause damage to the battery.
- Ensure that charging leads are connected correctly. Reverse charging can lead to cell damage, fire or explosion.
- If you have dropped or damaged a LiPo battery in any way, do not attempt to charge it.

### CONTACT INFO

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