

3.7V DNK636083 4000mAh LiPo Battery Pack with PCM. This datasheet describes the properties which is manufactured by DNK POWER Co. Ltd.- China.

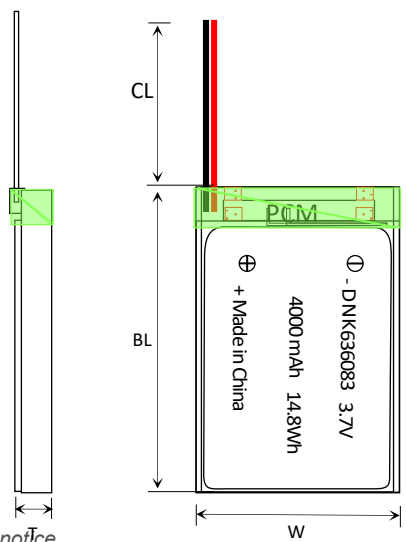
**1 YEAR WARRANTY**

**DNK**

**Battery Dimension Pictures**



Item	Parameter (mm)
T	6.3
W	60
M	10
L	83
L <sub>1</sub>	85
BL	85 ± 1
CL	100



**Electrical Data**

- Part Number: LP 636083
- Nominal Voltage: 3.7V
- Nominal Capacity: 4000 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

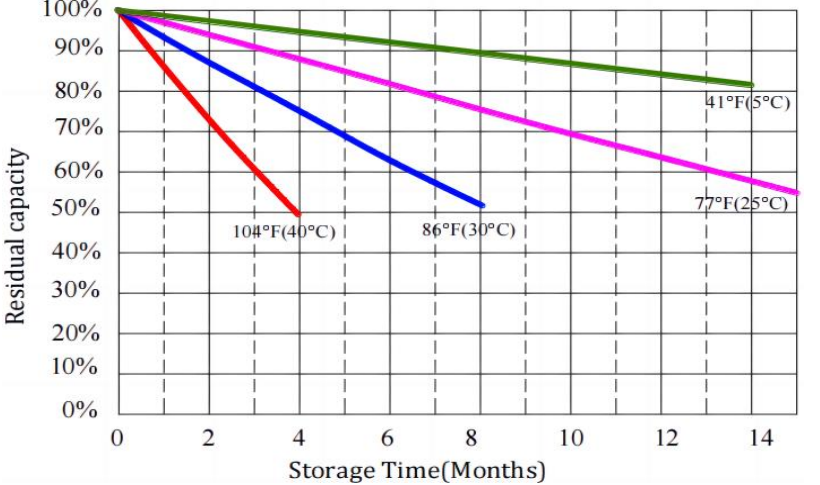
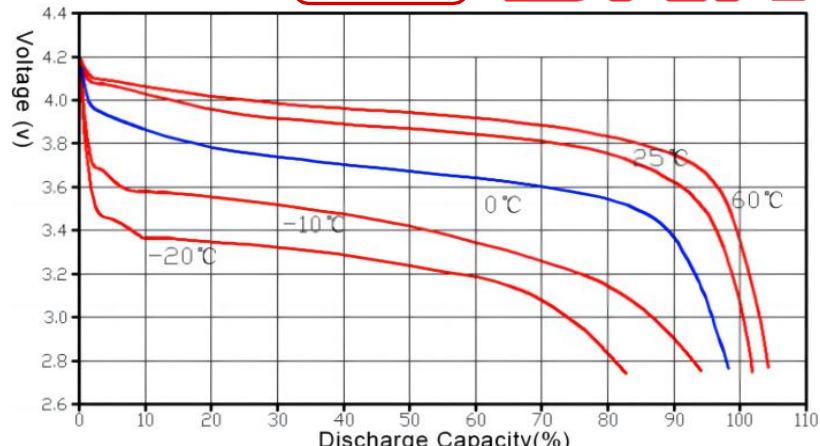
**Battery Protection**

- 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): 85 x 60 x 6.3 mm
- Weight: appr 66.7 g
- Battery Terminals: WC/FL\*

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



**ANNOUNCEMENTS**

- A LiPo Sack or metal/ceramic storage container is safest. Always store your LiPo's partially charged so they maintain their performance levels over time; there is no need to cycle them unless stored for periods longer than 3-6 months.
- LiPo batteries must only be charged with a manufacturer recommended LiPo charger.
- NEVER extinguish LiPo batteries with water.

**CONTACT INFO**

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