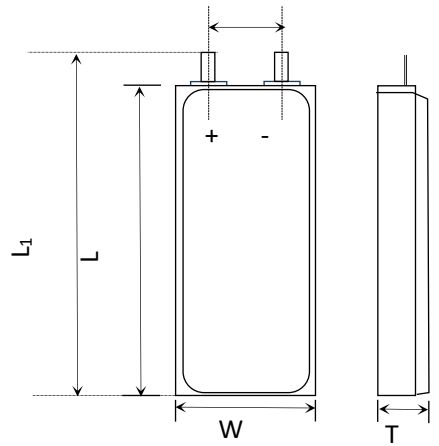


1 YEAR WARRANTY

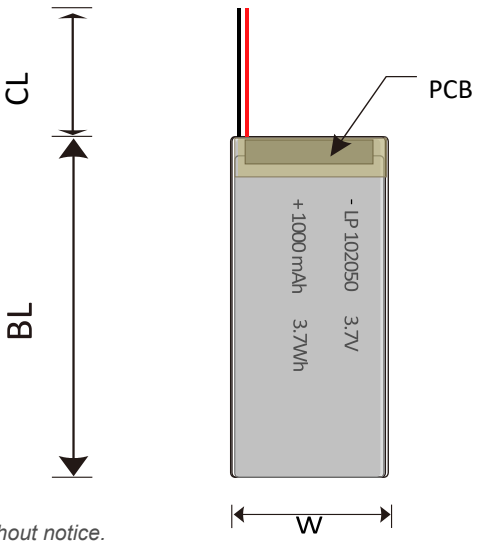
DNK

3.7V DNK102050 1000mAh 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 | 10.0 |
| W | 20 |
| M | 10 |
| L | 50 |
| L ₁ | 52 |
| BL | 52 ± 1 |
| CL | 100 |



Electrical Data

| | |
|----------------------------------|-----------------|
| Part Number | LP 102050 |
| Nominal Voltage | 3.7V |
| Nominal Capacity | 1000 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

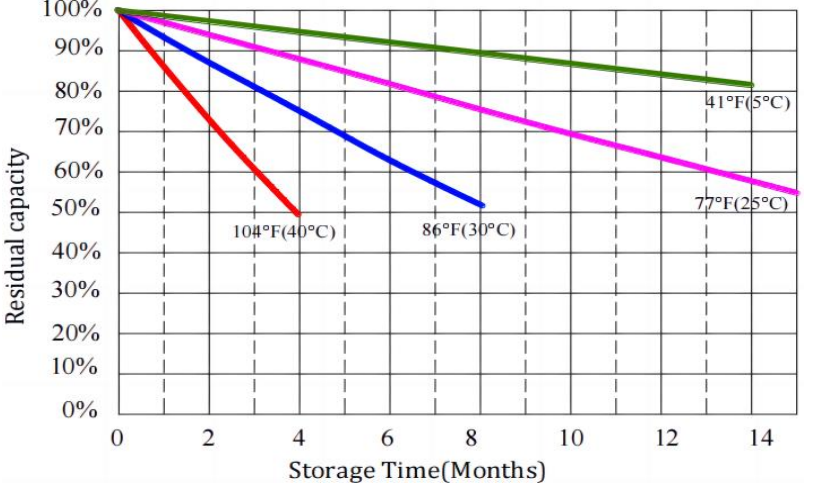
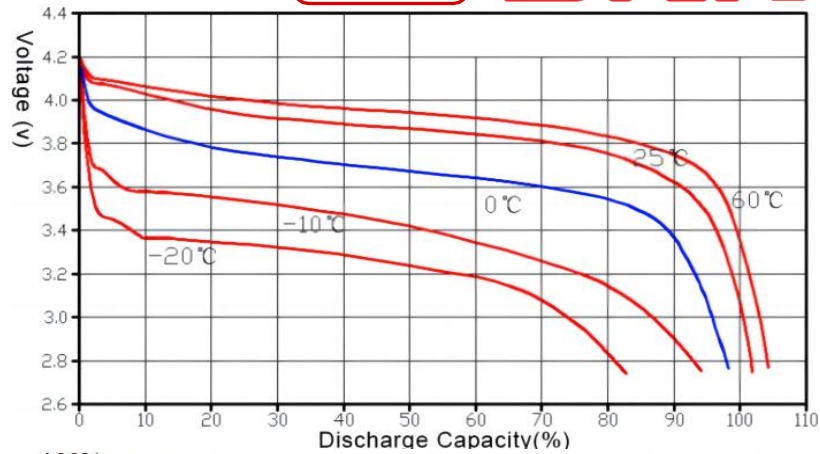
| | |
|----------------|--------------|
| Over Charge | 4.275 ± 50mV |
| Over Discharge | 2.5V ± 50mV |
| Over Current | 3A to 5A |
| Short Circuit | Yes |

Mechanical Data

| | |
|--------------------------------|-------------------|
| Dimension(L ₁ +W*T) | 52 x 20 x 10.0 mm |
| Weight | appr 16.7 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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