

1 YEAR WARRANTY

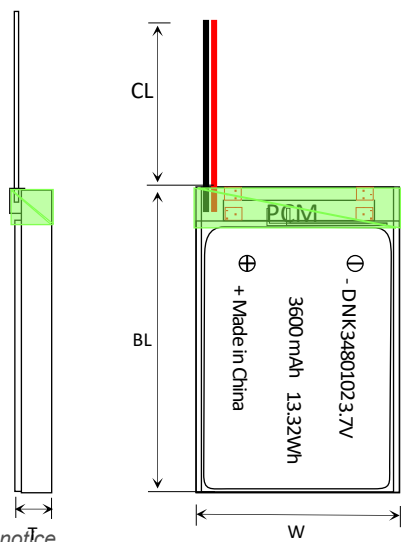
DNK

3.7V DNK3480102 3600mAh 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 | 3.4 |
| W | 80 |
| M | 10 |
| L | 102 |
| L ₁ | 104 |
| BL | 104 ± 1 |
| CL | 100 |



Electrical Data

| | |
|----------------------------------|-----------------|
| Part Number | LP 3480102 |
| Nominal Voltage | 3.7V |
| Nominal Capacity | 3600 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 ₁ +W*T) | 104 x 80 x 3.4 mm |
| Weight | appr 60 g |
| Battery Terminals | WC/FL* |

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



ANNOUNCEMENTS

- A 1s or 1 cell LiPo battery has a nominal voltage of 3.7V. When fully charged it has a maximum voltage of 4.2V. When fully discharged, it should never go below 3.0v without risking cell damage.
- Be aware that many of the more expensive LiPo chargers will automatically detect the cell count of the battery being charged; cheaper chargers will require a manual setting.
- Never store batteries inside of an automobile.

CONTACT INFO

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