

3.7V DNK4553101 3000mAh LiPo Battery Pack with PCM.

This datasheet describes the properties which is manufactured by DNK POWER Co. Ltd.- China.

Electrical Data

Part Number	LP 4553101
Nominal Voltage	3.7V
Nominal Capacity	3000 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

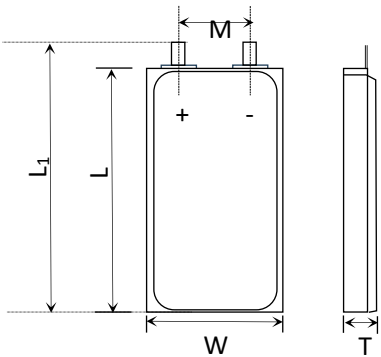
Over Charge	4.275 ± 50mV
Over Discharge	2.5V ± 50mV
Over Current	3A to 5A
Short Circuit	Yes

Mechanical Data

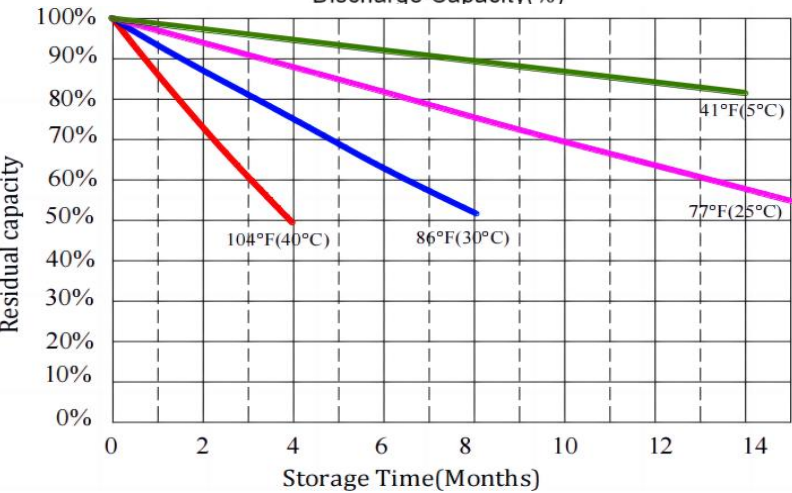
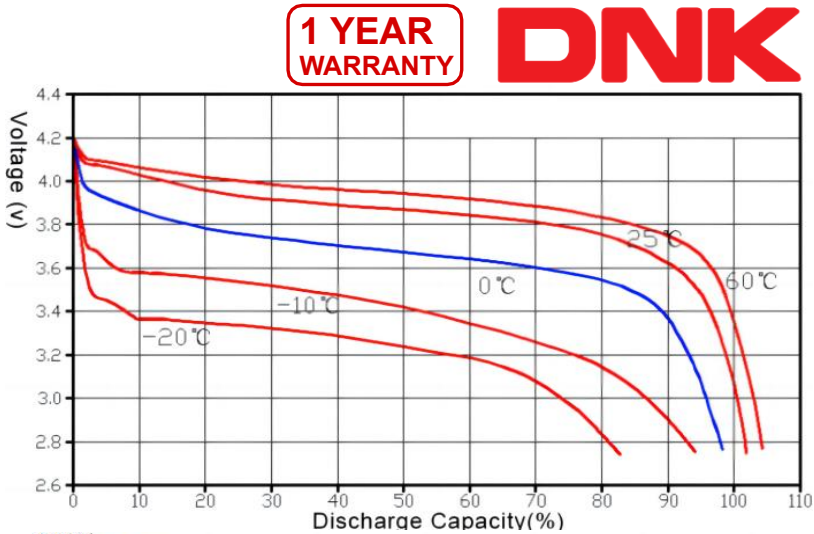
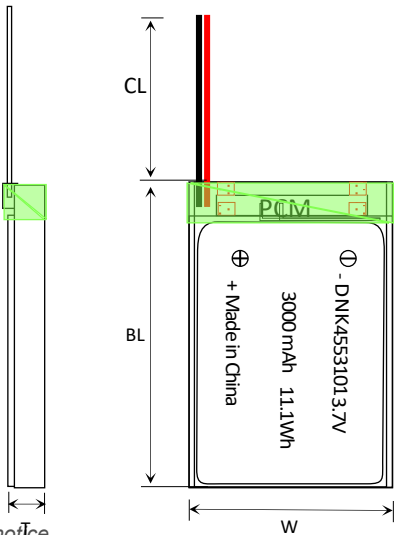
Dimension(L ₁ ×W×T)	103 x 53 x 4.5 mm
Weight	appr 50 g
Battery Terminals	WC/FL*

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

Battery Dimension Pictures



Item	Parameter (mm)
T	4.5
W	53
M	20
L	101
L ₁	103
BL	103 ± 1
CL	100



ANNOUNCEMENTS

- LiPo batteries have very specific charging requirements. Some chargers, such as those used for toys or cell phones, are made to charge a specific cell count and are not configurable for other cell counts. The LiPo charger used must be able to handle the cell count of the battery you are charging.
- Never charge a LiPo battery on a wooden or other combustible (carpeted) surface.

CONTACT INFO

Mail: sales@dnkpower.com

Tel:+86 755 36827358

Mob:+86 189 4877 2006

Hour of operation: 9:00am-6:00pm, Mon. to Fri.

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