

3.7V DNK10058101 8000mAh LiPo Battery Pack with PCM.

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

Electrical Data

Part Number	LP 10058101
Nominal Voltage	3.7V
Nominal Capacity	8000 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℃

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

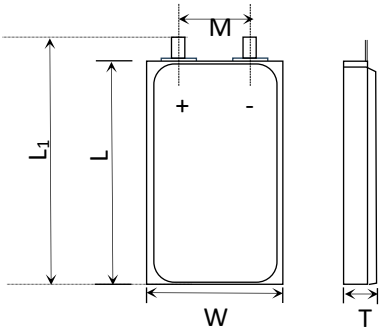
Over Charge	4.275 ± 50mV
Over Discharge	2.5V ± 50mV
Over Current	3A to 5A
Short Circuit	Yes

Mechanical Data

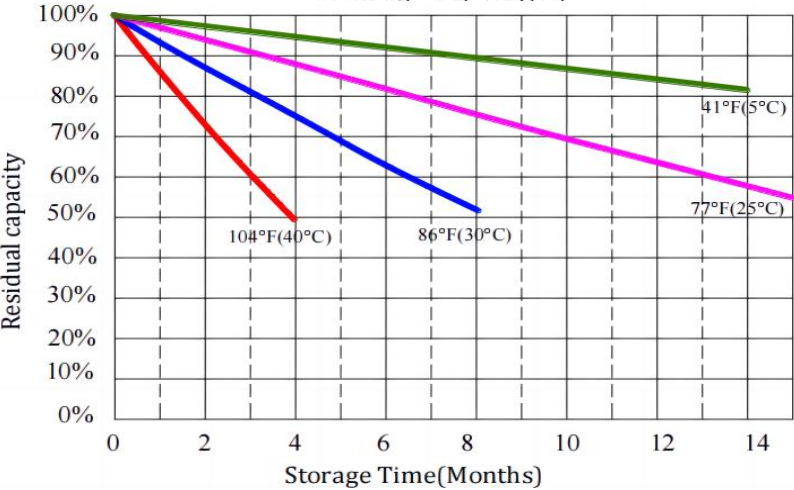
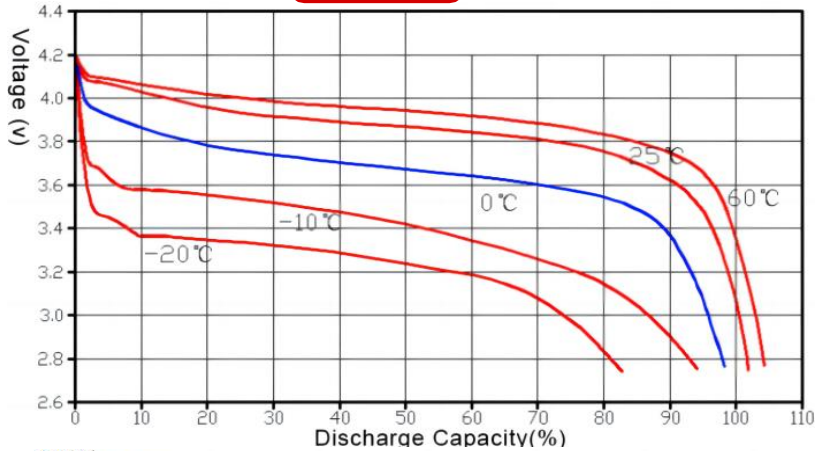
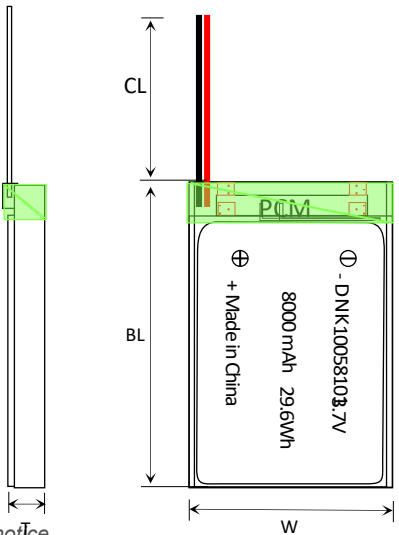
Dimension(L ₁ *W*T)	103 x 58 x 10.0 mm
Weight	appr 133.4 g
Battery Terminals	WC/FL*

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

Battery Dimension Pictures



Item	Parameter (mm)
T	10.0
W	58
M	10
L	101
L ₁	103
BL	103 ± 1
CL	100



ANNOUNCEMENTS

- Never leave a charging LiPo battery pack unattended. Never store batteries inside of an automobile.
- Have a fire extinguisher near the LiPo battery charging area and/or a large bucket of dry sand.
- 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.

CONTACT INFO

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