3.7V DNK309590 3800mAh LiPo Battery Pack with PCM. This datasheet describes the properties which is manufactured by DNK POWER Co. Ltd.- China.

Electrical Data

Part Number	LP 309590
Nominal Voltage	3.7V
Nominal Capacity	3800 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℃

Environmental Data

Charging Temperature Range	0 – 45° C
Discharge Temperature Range	-20 – 60° C0
Storage Period 1 Week	-20 – 45° C
Storage Period 1 Month	-10 – 45° C
Storage Period 6 Months	0 – 35° C

Battery Protection

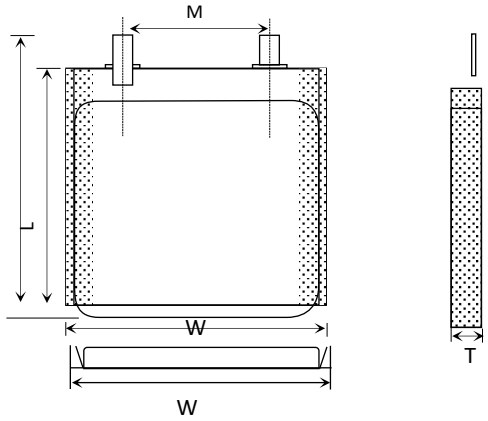
Over Charge	4.275 ± 50mV
Over Discharge	2.5V ± 50mV
Over Current	3A to 5A
Short Circuit	Yesv

Mechanical Data

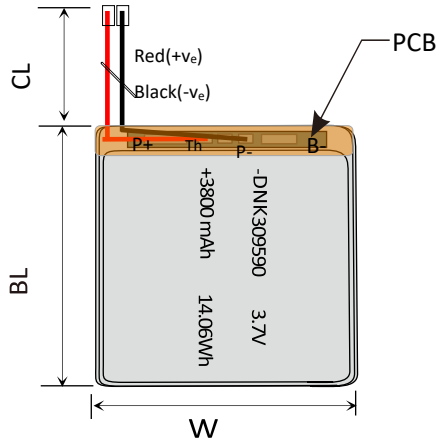
Dimension(L_1*W*T)	92 x 95 x 3.0 mm
Weight	appr 63.4 g
Battery Terminals	WC/FL*

*WC=With Connector FL=Flying Leads

Battery Dimension Pictures

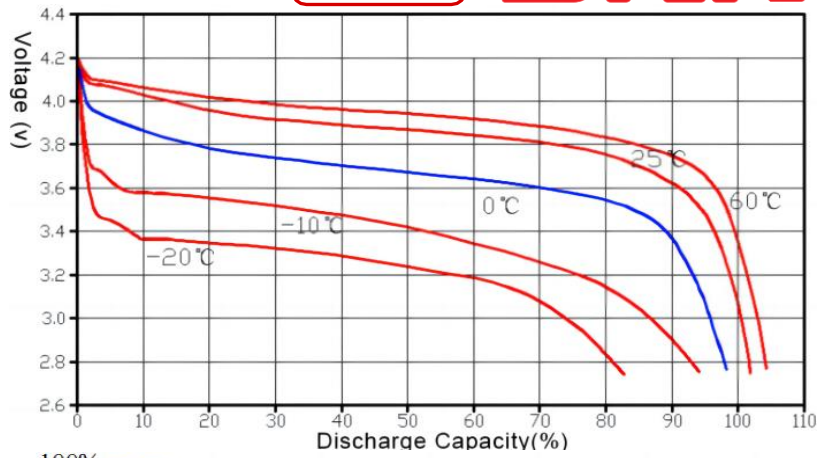


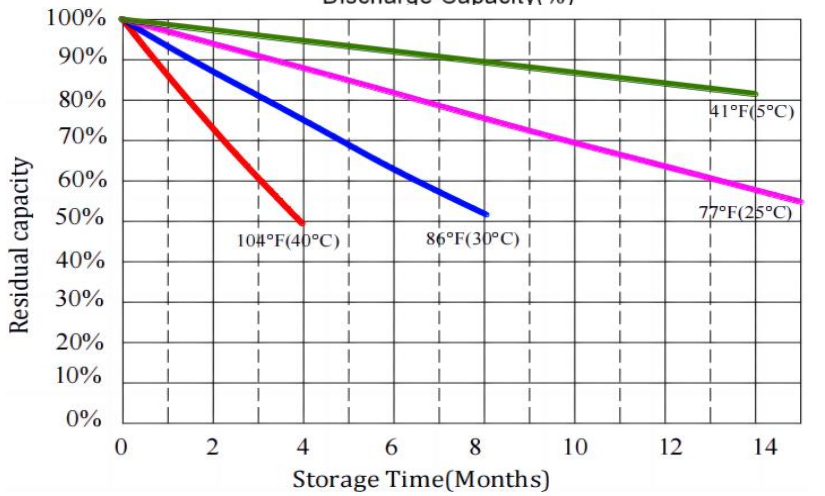
Item	Parameter (mm)
T	3.0
W	95
M	10
L	90
L_1	92
BL	92 ± 1
CL	100



1 YEAR WARRANTY

DNK





ANNOUNCEMENTS

- Do not fully discharge your LiPo battery . Discharging a LiPo beyond it's critical minimum voltage (3.0v) can cause damage to the battery.
- Ensure that charging leads are connected correctly. Reverse charging can lead to cell damage, fire or explosion.
- If you have dropped or damaged a LiPo battery in any way, do not attempt to charge it.

CONTACT INFO

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Specifications are subject to change without notice.