3.7V DNK595490 4000mAh LiPo Battery Pack with PCM. This datasheet describes the properties which is manufactured by DNK POWER Co. Ltd.- China.

Electrical Data

Part Number	LP 595490
Nominal Voltage	3.7V
Nominal Capacity	4000 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° C
Storage Period 1 Week	-20 – 45° C
Storage Period 1 Month	-10 – 45° C
Storage Period 6 Months	0 – 35° C

Battery Protection

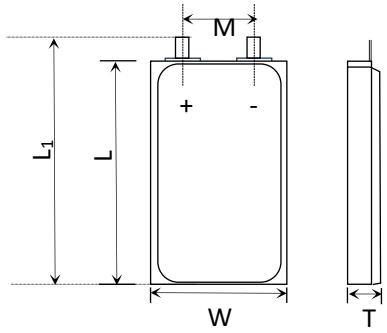
Over Charge	4.275 ± 50mV
Over Discharge	2.5V ± 50mV
Over Current	3A to 5A
Short Circuit	Yes

Mechanical Data

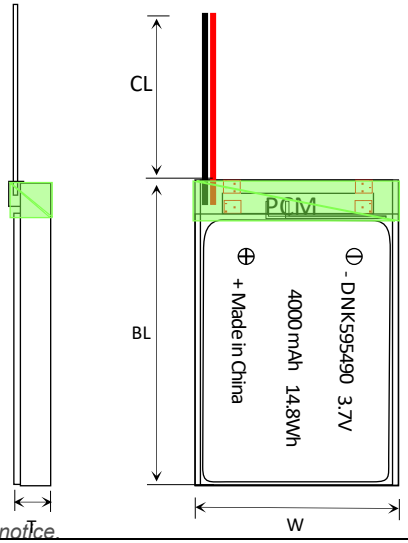
Dimension(L_1*W*T)	92 x 54 x 5.9 mm
Weight	appr 66.7 g
Battery Terminals	WC/FL*

*WC=With Connector FL=Flying Leads

Battery Dimension Pictures

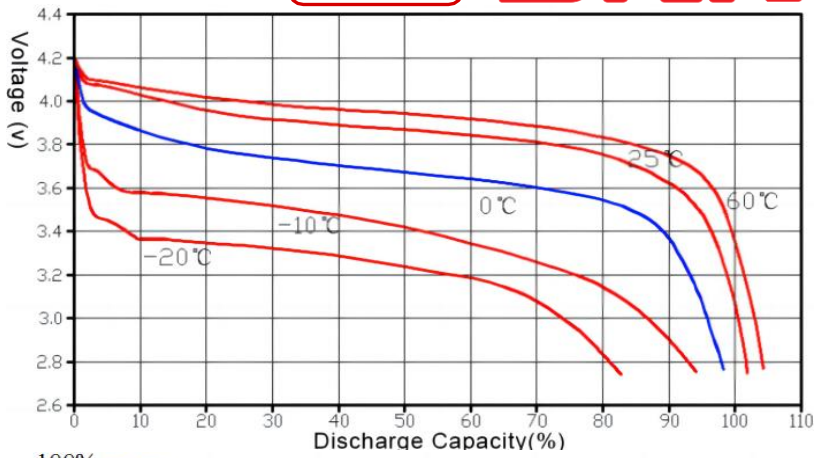


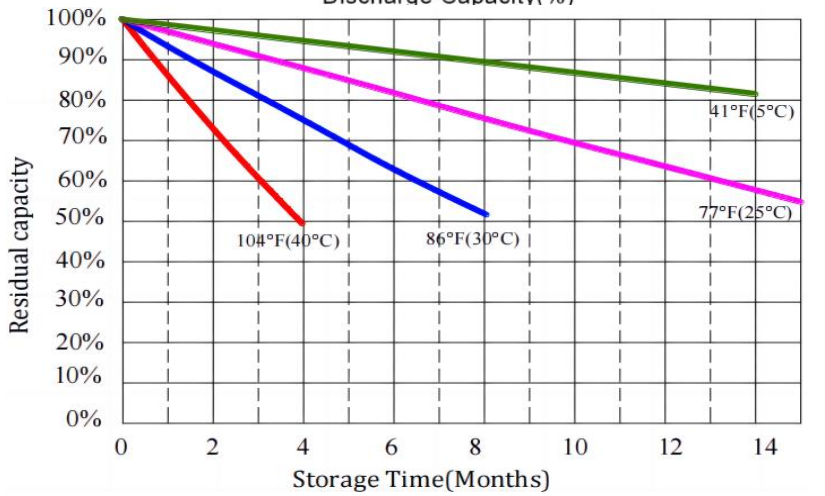
Item	Parameter (mm)
T	5.9
W	54
M	10
L	90
L_1	92
BL	92 ± 1
CL	100



1 YEAR WARRANTY

DNK





ANNOUNCEMENTS

● Never put LiPo batteries or battery packs in pockets, drawers or bags where they might make contact with something made of metal. This can cause a short circuit.

● Do not store LiPo batteries in extreme temperatures below 0C or above
50C.

● Always store LiPo pack in a safe and non-combustible container away from flammable / combustible materials.

CONTACT INFO

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Specifications are subject to change without notice.