3.7V DNK605490 4600mAh LiPo Battery Pack with PCM. This datasheet describes the properties which is manufactured by DNK POWER Co. Ltd.- China.

Electrical Data

Part Number	LP 605490
Nominal Voltage	3.7V
Nominal Capacity	4600 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

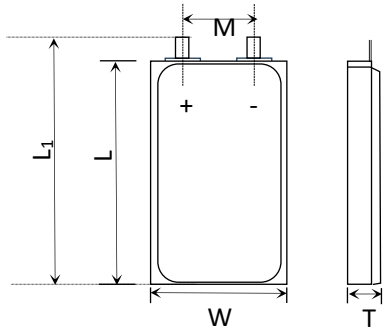
Over Charge	4.275 ± 50mV
Over Discharge	2.5V ± 50mV
Over Current	3A to 5A
Short Circuit	Yes

Mechanical Data

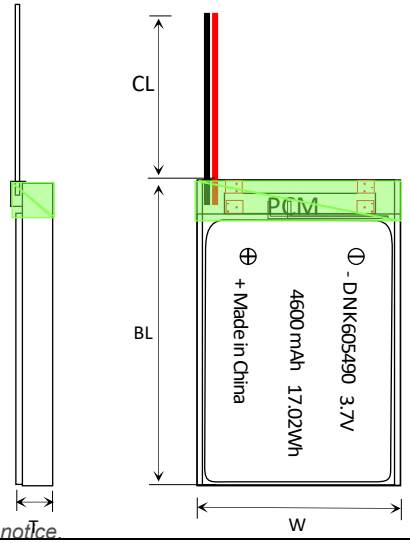
Dimension(L_1*W*T)	92 x 54 x 6.0 mm
Weight	appr 76.7 g
Battery Terminals	WC/FL*

*WC=With Connector FL=Flying Leads

Battery Dimension Pictures

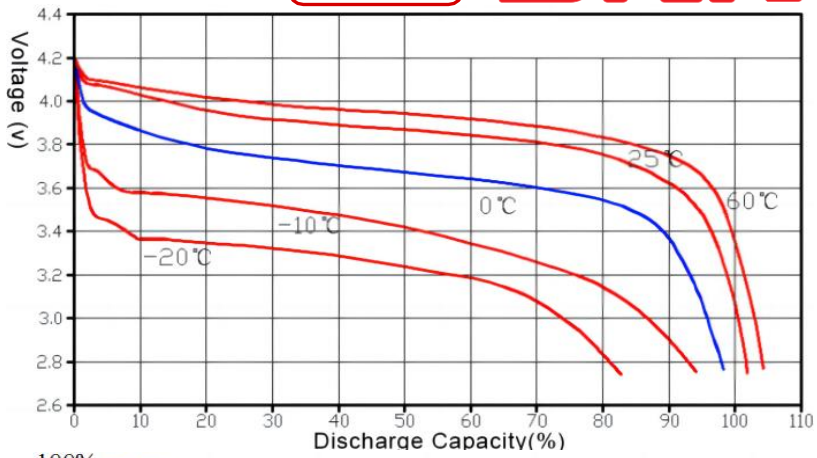


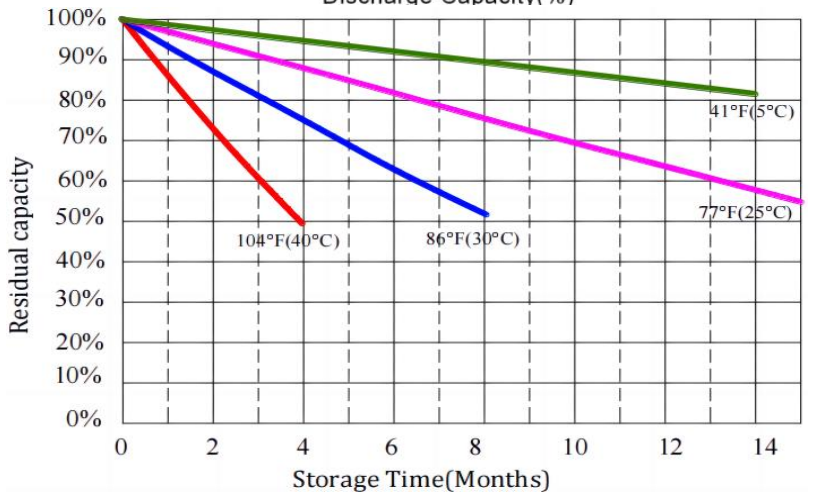
Item	Parameter (mm)
T	6.0
W	54
M	10
L	90
L_1	92
BL	92 ± 1
CL	100



1 YEAR WARRANTY

DNK





ANNOUNCEMENTS

● LiPo batteries must only be charged with a manufacturer recommended LiPo charger.

●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.

CONTACT INFO

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Specifications are subject to change without notice.