

3.7V DNK485490 3950mAh LiPo Battery Pack with PCM. This datasheet describes the properties which is manufactured by DNK POWER Co. Ltd.- China.

Electrical Data

Part Number	LP 485490
Nominal Voltage	3.7V
Nominal Capacity	3950 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

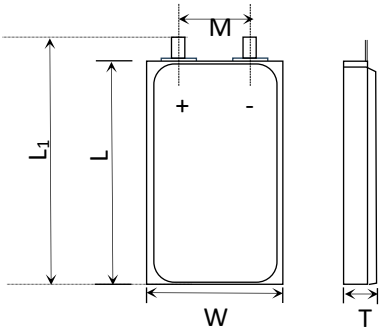
Over Charge	4.275 ± 50mV
Over Discharge	2.5V ± 50mV
Over Current	3A to 5A
Short Circuit	Yes

Mechanical Data

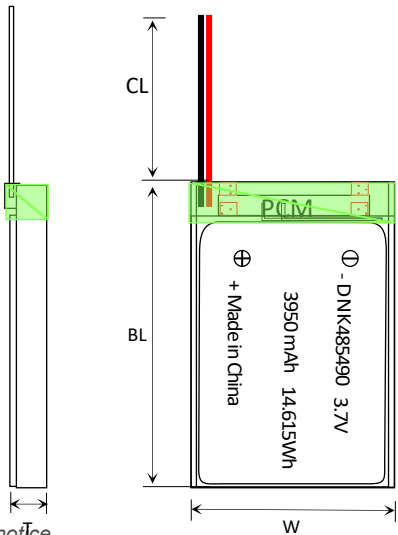
Dimension(L <sub>1</sub> *W*T)	92 x 54 x 4.8 mm
Weight	appr 65.9 g
Battery Terminals	WC/FL*

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

Battery Dimension Pictures

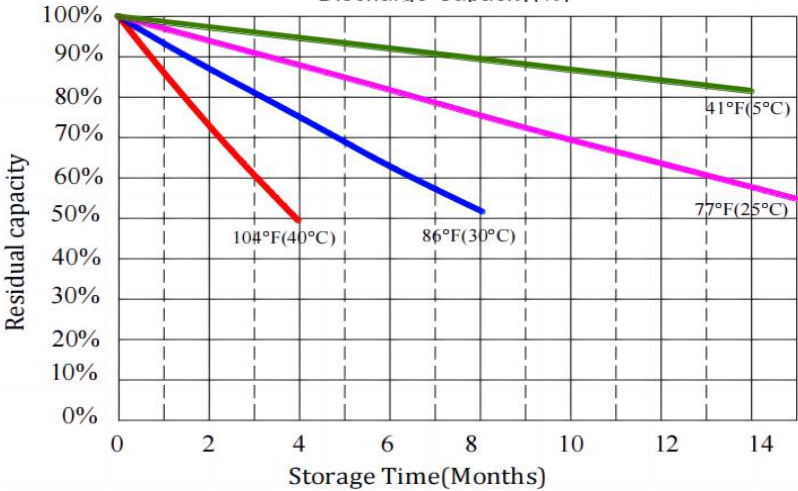
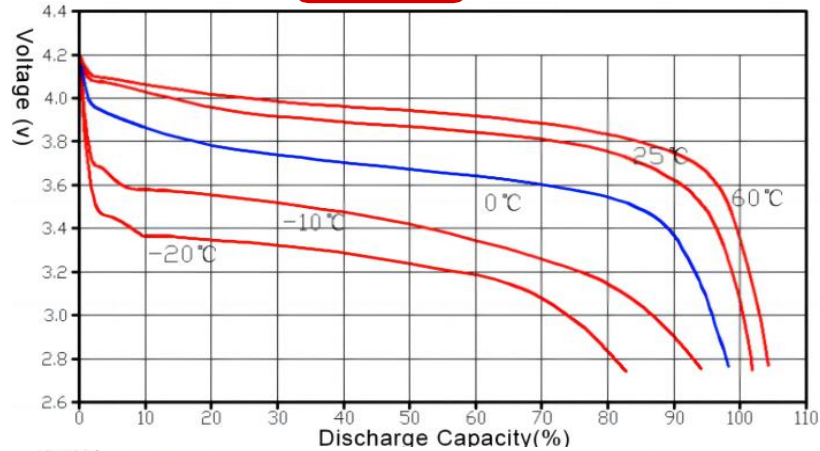


Item	Parameter (mm)
T	4.8
W	54
M	10
L	90
L <sub>1</sub>	92
BL	92 ± 1
CL	100



1 YEAR WARRANTY

DNK



ANNOUNCEMENTS

- A LiPo Sack or metal/ceramic storage container is safest. Always store your LiPo's partially charged so they maintain their performance levels over time; there is no need to cycle them unless stored for periods longer than 3-6 months.
- LiPo batteries must only be charged with a manufacturer recommended LiPo charger.
- NEVER extinguish LiPo batteries with water.

CONTACT INFO

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