

3.7V DNK29100118 5200mAh LiPo Battery Pack with PCM.

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

Electrical Data

Part Number	LP 29100118
Nominal Voltage	3.7V
Nominal Capacity	5200 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°C

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

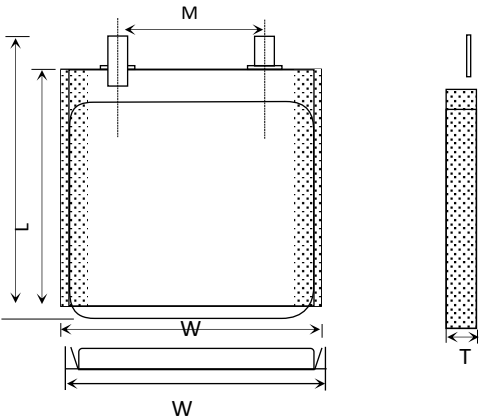
Over Charge	4.275 ± 50mV
Over Discharge	2.5V ± 50mV
Over Current	3A to 5A
Short Circuit	Yesv

Mechanical Data

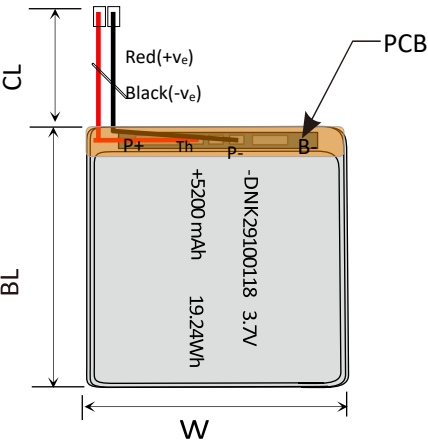
Dimension(L <sub>1</sub> *W*T)	120 x 100 x 2.9 mm
Weight	appr 86.7 g
Battery Terminals	WC/FL*

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

Battery Dimension Pictures

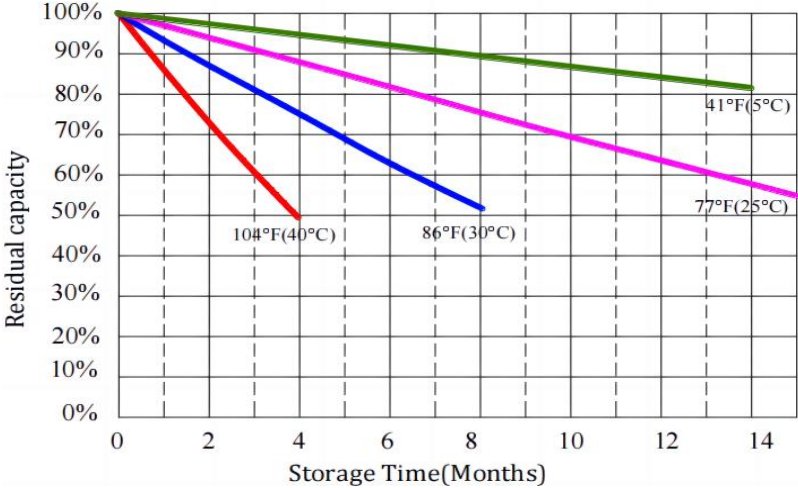
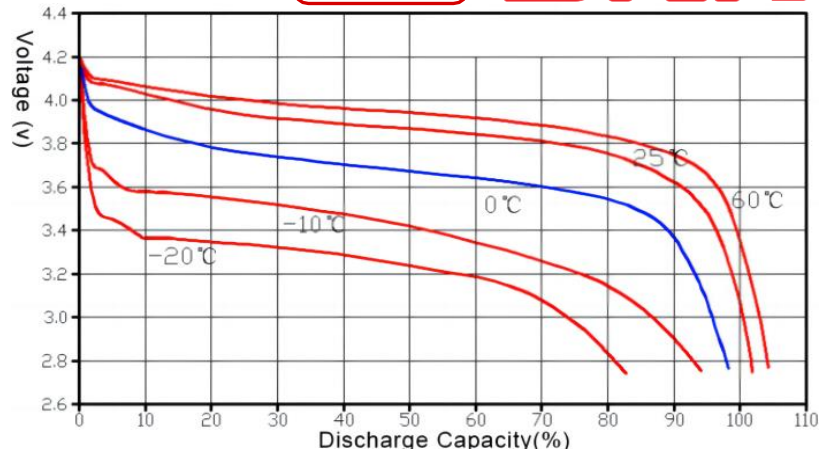


Item	Parameter (mm)
T	2.9
W	100
M	10
L	118
L <sub>1</sub>	120
BL	120 ± 1
CL	100



1 YEAR WARRANTY

DNK



ANNOUNCEMENTS

- 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.
- NEVER extinguish LiPo batteries with water.

CONTACT INFO

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