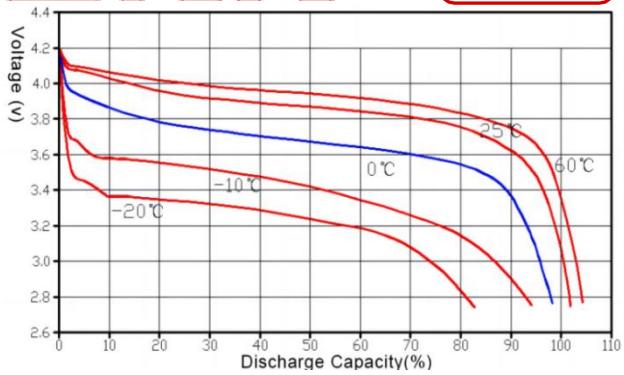
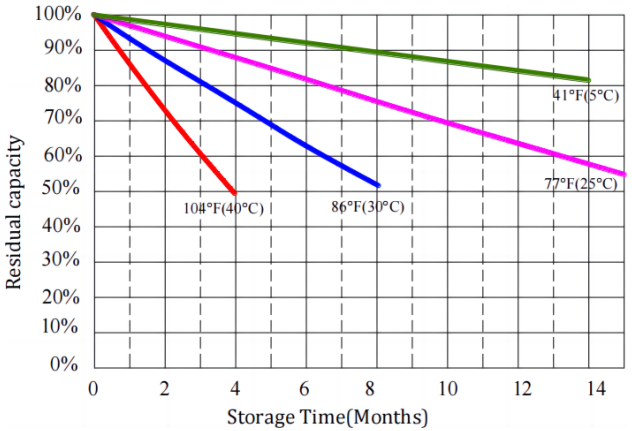
DNK

1 YEAR WARRANTY



Different Temperature Discharge Curve



Different Rate Charge Curve

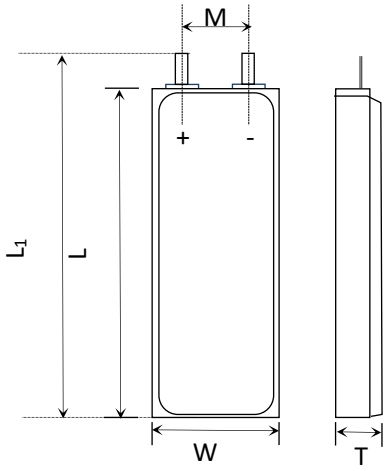
ANNOUNCEMENTS

- Do not approach the heat source, like fire or heater;
- Do not transposition the +.- poles of the battery to charge;
- Do not direct-connected the battery to alternating current power supply, or autoignition of the vehicle;
- Do not discard the battery to the fire or hyperpyretic objects;
- Do not immerse the battery into the water or the sea, Guard against Damp

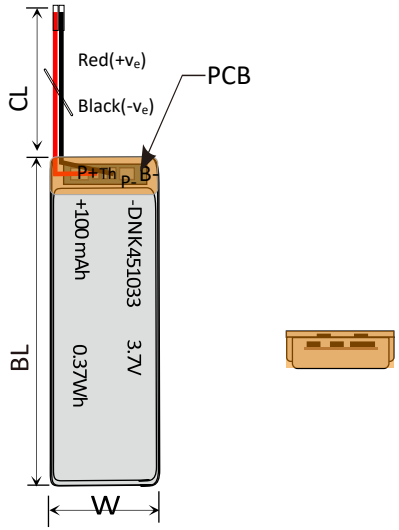
CONTACT INFO

Mail: sales@dnkpower.com
Tel:+86 755 36827358
Mob:+86 189 4877 2006
USA Phone:(+1)302 202 0599
Hour of operation: 9:00am-6:00pm, Mon. to Fri.
Learn More on: https://www.dnkpower.com/

Battery Dimension Pictures



Item	Parameter (mm)
T	4.5
W	10
M	5
L	33
L_1	35
BL	35 ± 1
CL	100



3.7V DNK451033 100mAh LiPo Battery Pack with PCM. This datasheet describes the properties which is manufactured by DNK POWER Co. Ltd.- China

Electrical Data

Part Number	DNK451033
Nominal Voltage	3.7V
Nominal Capacity	100mAh
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℃
Discharge Temperature Range	-20 - 60℃
Storage Period 1 Week	-20 - 45℃
Storage Period 1 Month	-10 - 45℃
Storage Period 6 Months	0 - 35℃

Battery Protection

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

Mechanical Data

Dimension	35×10×4.5 mm
Weight	≤5g
Battery Terminals	WC/FL*

Specifications are subject to change without notice.

*WC=With Connector FL=Flying Leads