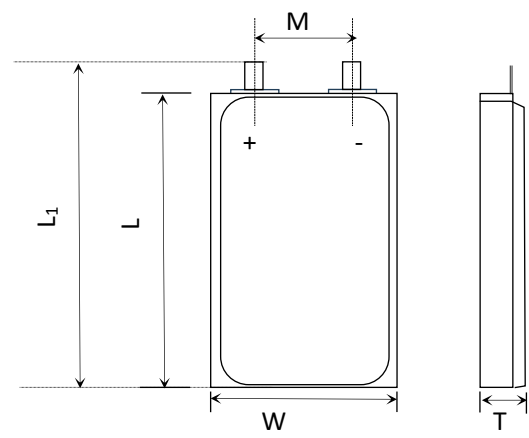


**1 YEAR WARRANTY**

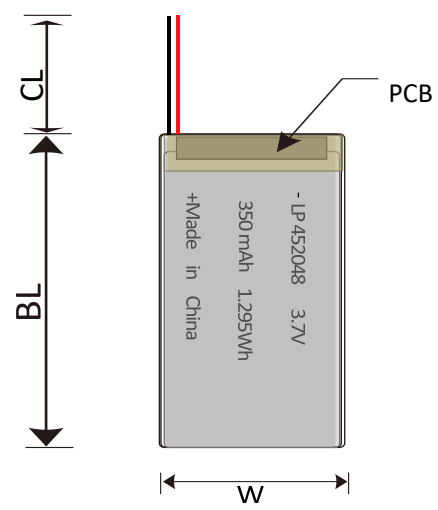
**DNK**

3.7V DNK452048 350mAh LiPo Battery Pack with PCM. This datasheet describes the properties which is manufactured by DNK POWER Co. Ltd.- China.

### Battery Dimension Pictures



Item	Parameter (mm)
T	4.5
W	20
M	10
L	48
L <sub>1</sub>	50
BL	50 ± 1
CL	100



### Electrical Data

Part Number	LP 452048
Nominal Voltage	3.7V
Nominal Capacity	350 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°C)

### 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

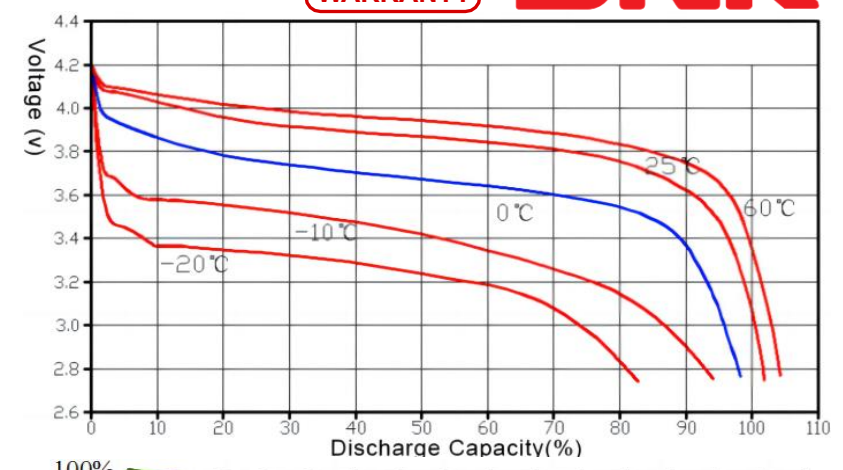
### Battery Protection

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)	50 x 20 x 4.5 mm
Weight	≤10 g
Battery Terminals	WC/FL*

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



### ANNOUNCEMENTS

- It is not permissible to mix old li-po batteries or half-used li-po batteries with new li-po batteries as this may result in over-discharge.
- LiPo batteries must only be charged with a manufacturer recommended LiPo charger.
- When charging LiPo batteries, they must be charged at the voltage of the number of cells in series. Example: A 5s4p pack must be charged as a 5 cell pack.

### CONTACT INFO

Mail: sales@dnkpower.com  
 Tel: +86 755 36827358  
 Mob: +86 189 4877 2006  
 Hour of operation: 9:00am-6:00pm, Mon. to Fri.  
 Learn More on: <https://www.dnkpower.com/>