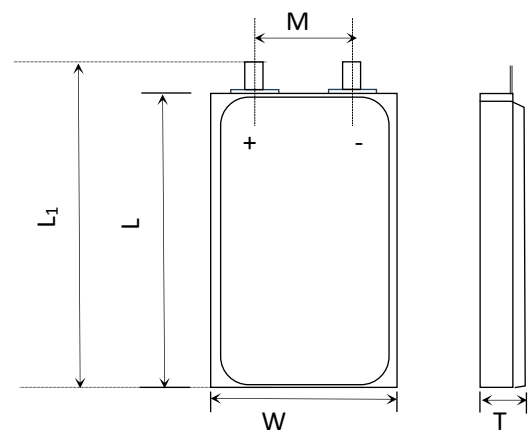


**1 YEAR WARRANTY**

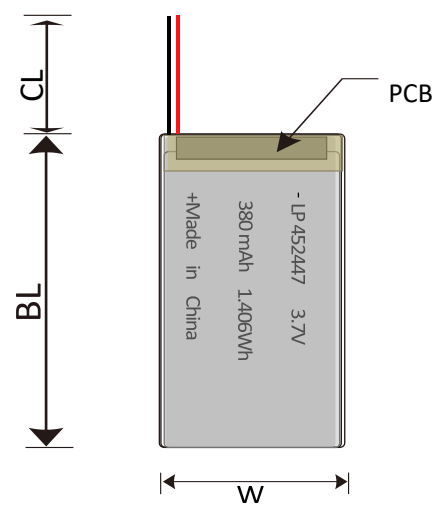
**DNK**

3.7V DNK452447 380mAh 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	24
M	10
L	47
L <sub>1</sub>	49
BL	49 ± 1
CL	100



### Electrical Data

Part Number	LP 452447
Nominal Voltage	3.7V
Nominal Capacity	380 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

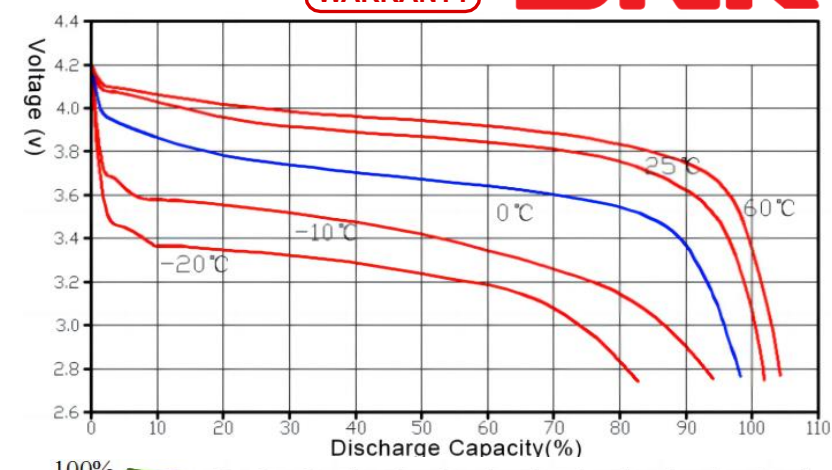
### Battery Protection

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)	49 x 24 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

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Hour of operation: 9:00am-6:00pm, Mon. to Fri.

Learn More on: <https://www.dnkpower.com/>