3.7V DNK528777 4400mAh LiPo Battery Pack with PCM. This datasheet describes the properties which is manufactured by DNK POWER Co. Ltd.- China.

Electrical Data

Part Number	LP 528777
Nominal Voltage	3.7V
Nominal Capacity	4400 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℃

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

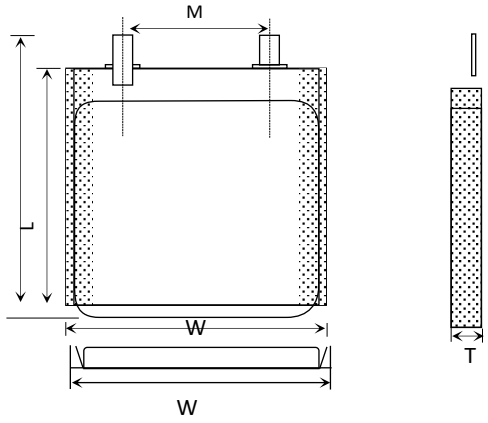
Over Charge	4.275 ± 50mV
Over Discharge	2.5V ± 50mV
Over Current	3A to 5A
Short Circuit	Yesv

Mechanical Data

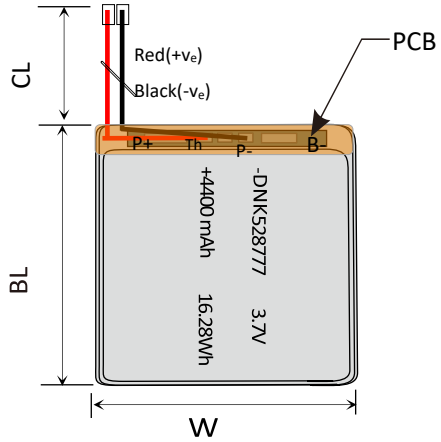
Dimension(L_1*W*T)	79 x 87 x 5.2 mm
Weight	appr 73.4 g
Battery Terminals	WC/FL*

*WC=With Connector FL=Flying Leads

Battery Dimension Pictures

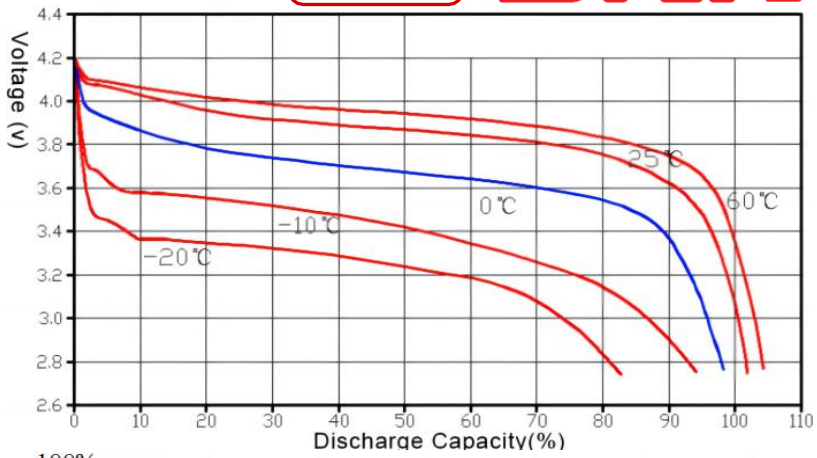


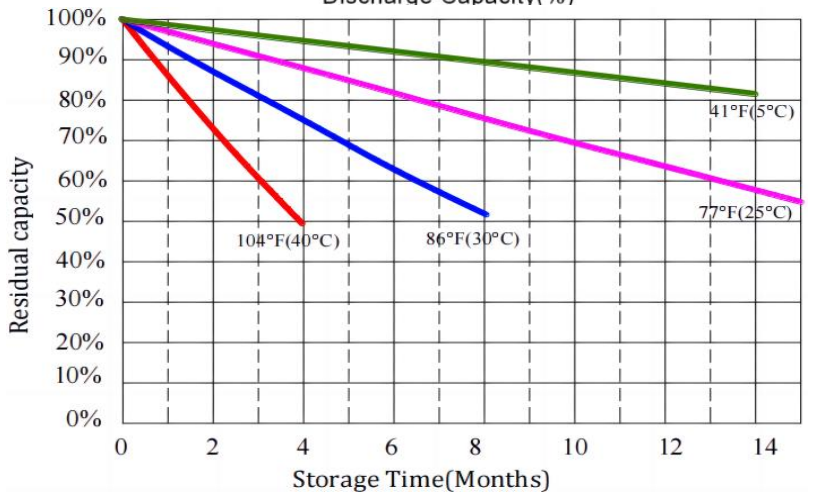
Item	Parameter (mm)
T	5.2
W	87
M	10
L	77
L_1	79
BL	79 ± 1
CL	100



1 YEAR WARRANTY

DNK





ANNOUNCEMENTS

● Be aware that many of the more expensive LiPo chargers will automatically detect the cell count of the battery being charged; cheaper chargers will require a manual setting.

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

Mob:+86 189 4877 2006 Learn More on: https://www.dnkpower.com/

Specifications are subject to change without notice.