

3.7V DNK855786 5000mAh LiPo Battery Pack with PCM. This datasheet describes the properties which is manufactured by DNK POWER Co. Ltd.- China.

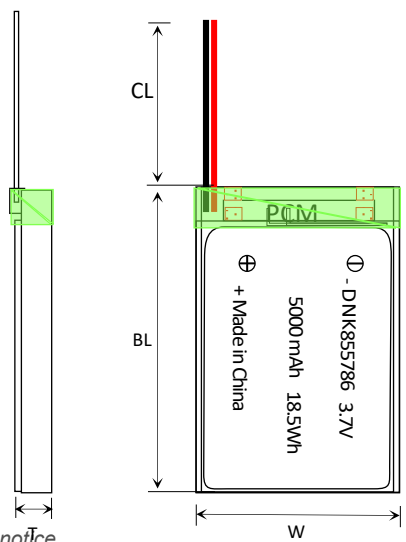
1 YEAR WARRANTY

DNK

Battery Dimension Pictures



Item	Parameter (mm)
T	8.5
W	57
M	10
L	86
L ₁	88
BL	88 ± 1
CL	100



Electrical Data

Part Number	LP 855786
Nominal Voltage	3.7V
Nominal Capacity	5000 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

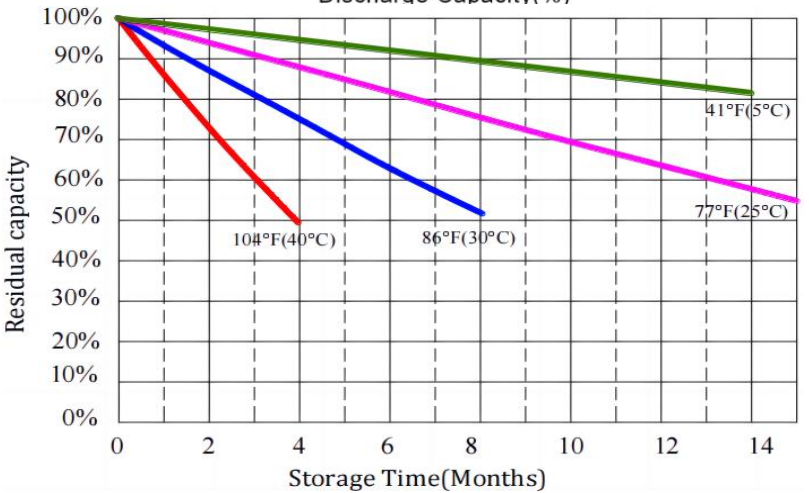
Battery Protection

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

Mechanical Data

Dimension(L ₁ +W*T)	88 x 57 x 8.5 mm
Weight	appr 83.4 g
Battery Terminals	WC/FL*

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



ANNOUNCEMENTS

- LiPo batteries must only be charged with a manufacturer recommended LiPo charger.
- 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.

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