3.7V Lithium Polymer Battery Data Sheet

Model: 306798

Please Find More:

https://www.fpbattery.com/3-7v-1800mah-lithium-polymer-battery/

File Number: A/FP6798-11501

File Version: 01

CONTACT

CUSTOMER SERVICE
86.755.3682.7358
sales@fpbattery.com
Hours of Operation:
9:00am-6:00pm CST, Monday to Friday

LEARN MORE ON:
https://www.fpbattery.com/

DNK POWER COMPANY LIMITED

BATTERY SPECIFICATION

Part Number	DNK 306798
Nominal Voltage	3.7 V
Nominal Capacity	1970 mAh
Internal Impedence	<60mΩ
Charge Voltage	4.2V
Recommended Charge Current	0.2 C
Allowed Max Charge Current	0.5 C
Output Voltage Range	4.2 - 2.5 V
Recommended Discharge Current	0.2 C
Max Continuous Discharge Current	1 C
Pulse Discharge Current	3 C (10 mS)
Discharge Cut-off Voltage	2.5± 0.05V
Cycle Life to 80% Health	500 (0.2C, 25°C)

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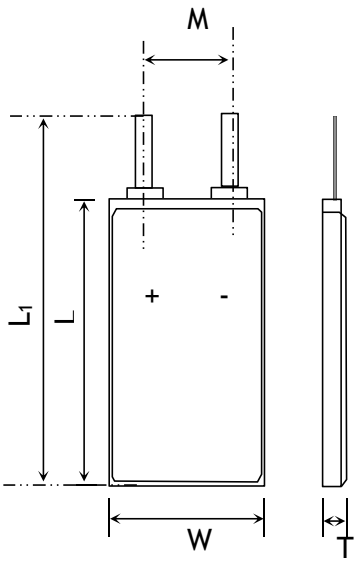
1 YEAR WARRANTY



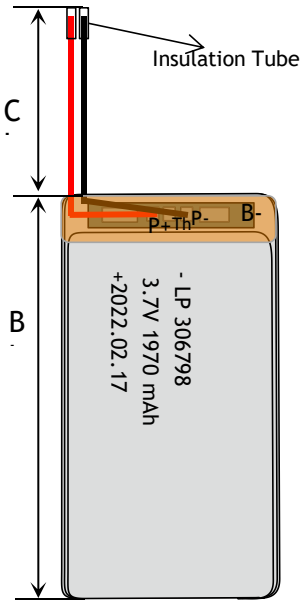
Item	Parameter (mm)
T	3
W	67
M	10
L	98
L_1	100
BL	100 ± 1
CL	100

ENVIRONMENTAL SPECIFICATIONS

Charging Temperature Range	0 - 45°C
Discharging 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

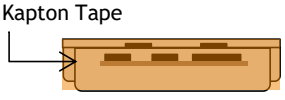
BATTERY PROTECTION

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



MECHANICAL SPECIFICATIONS

Dimensions	100x 67 x 3 mm(L*W*T)
Weight	Around 32 g
Battery Terminals	WC/ FL *

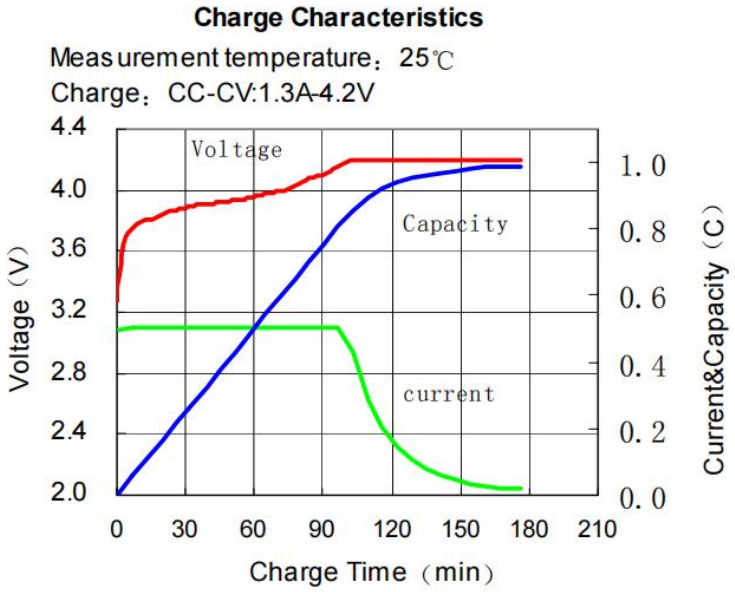


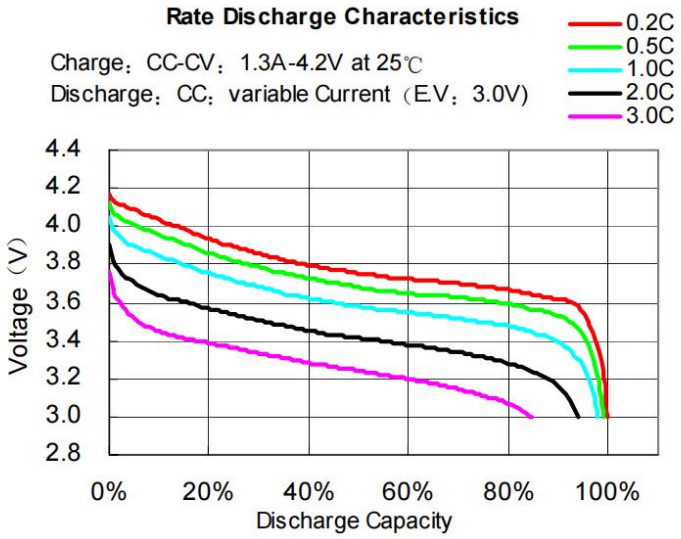
CERTIFICATION

Certification Approval	PLEASE CONSULT SALES

* WC=With Connector FL=Flying Leads UWP=Blue Wrapped PVC BWP=Black Wrapped PVC BC= Bare Cell

RELATIVE CURVES





ANNOUNCEMENT

- Only use chargers provided by and/or approved by the manufacturer.
- Have a class ABC or CO2 fire extinguisher nearby the storage area.
- Protect from the frost, and also temperatures above 60 degrees Centigrade. Batteries should never be in the sun, on hot surfaces.
- Never leave a battery unattended while charging. Only charge LiPo batteries with chargers specifically designed to charge LiPo batteries. NEVER use a NiMH or NiCd charger. Battery temperatures should not be allowed to fall below 32°F (0°C) or exceed 113°F (45°C) .
- During discharging and handling the batteries, do not exceed 160°F (71°C). Otherwise, the battery may be damaged and a fire may result.
- Store and transport in a non-flammable container
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- Never remove the battery from its protective plastic case.
- Never store or charge the battery inside your car or in extreme temperatures. Extreme temperatures might ignite the battery and cause fire. 7) Store the battery in a location inaccessible to children. Be sure that children do not remove the battery from the charger or model.
- If a cell is venting or smoking, evacuate, all personnel from the area, closing doors behind you. The area should be secured to ensure that no unnecessary persons enter.
- Never keep sharp objects near Lipos. This may cause a hole in the pack and can lead to a fire.