3.7V Lithium Polymer Battery Data Sheet

Model: 407063

Please Find More:

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

File Number: A/FP7063-656

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/

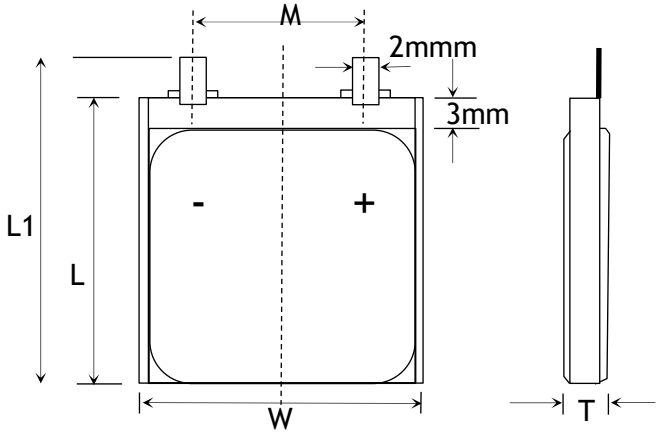
DNK POWER COMPANY LIMITED

BATTERY SPECIFICATION

Part Number	DNK 407063
Nominal Voltage	3.7 V
Nominal Capacity	1800 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)

1

1 YEAR WARRANTY



Item	Parameter (mm)
T	4
W	70
M	10
L	63
L_1	65
BL	65 ± 1
CL	100

ENVIRONMENTAL SPECIFICATIONS

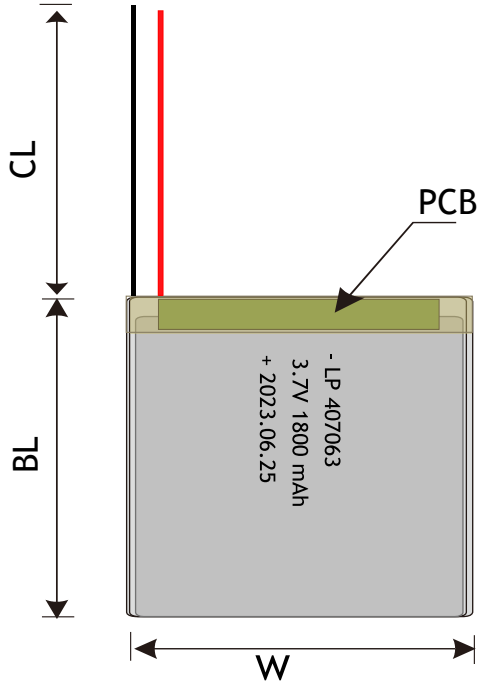
Charging Temperature Range	0 - 45°C
Discharging Temperature Range	-20 - 60°C
Storage Period 1 Week	-20 - 45°C
Storage Period 1 Month	-10 - 45°C
Storage Period 6 Months	0 - 35°C

BATTERY PROTECTION

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

MECHANICAL SPECIFICATIONS

Dimensions	65x 70 x 4 mm(L*W*T)
Weight	Around 30 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

BULK PRODUCTION ACTUAL PICTURES



BARE CELL (BC)



FLYING LEADS (FL)



WITH CONNECTOR (WC)



BLUE WRAPPED PVC (UWP)



BLACK WRAPPED PVC (BWP)

3.7V LIPO BATTERY OPTIONS



Special Ingredients to make batteries work from -40 -85 ° C



Discharging Current up to 100C



Popular JST,Molex,Hirose,Anderson available



LED Power Indicator

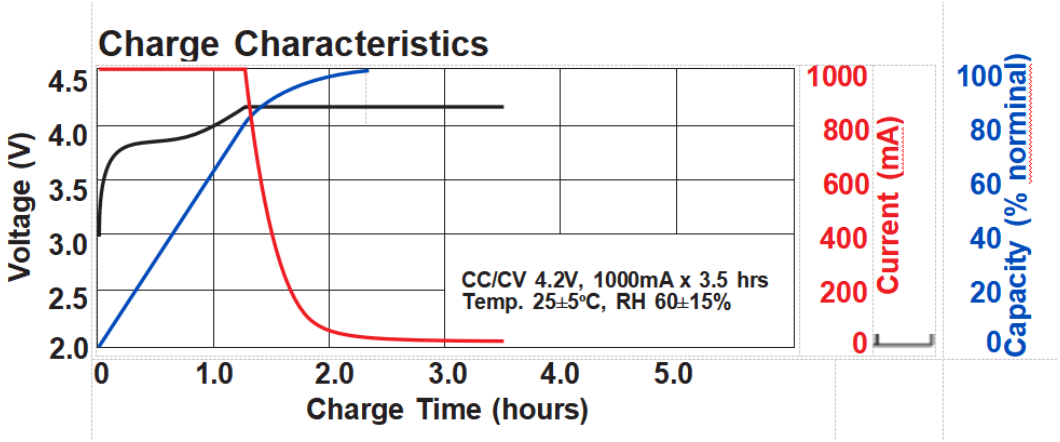


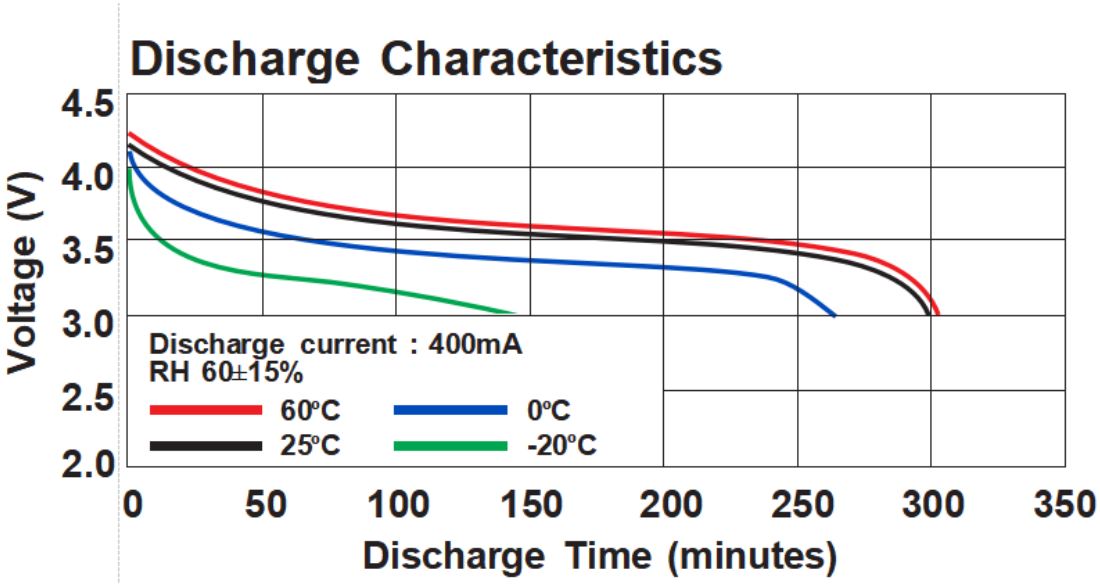
Power Button



Upgrade to LifePo4 tech and life circle up to 1500

RELATIVE CURVES





ANNOUNCEMENT

- If you plan not to use your LiPo cells for an extended period (more then 4 days) then use the "Storage" setting on your charger. If your charger does not have this feature then don't use it and invest in one that does.
- Use recommended methods to make battery terminal connections.
- Always charge/store Batteries in a non-conductive, fire-proof container or bag.
- Never discharge Batteries at amperage rates higher than specified on Batteries' labels
- Never charge a battery that shows signs of puffing.
- ALWAYS use the charging cord supplied with the device (or only use a replacement charging cord that is specified by the device manufacturer to bean approved alternative).
- If you notice hot cells, disconnect the charger and remove any external short circuit if present.
- Store behind a fire door and where a fire alarm is situated.
- Never let the positive and negative battery leads touch each other. It can lead to cell ballooning, cell damage, fire or an explosion.
- Never charge a LiPo battery while it is inside your model or other electronic device. If it catches fire, it can lead to total destruction of the item inside which it is being charged.
- Never charge a very hot battery as this may cause an explosion or fire.