3.7V Lithium Polymer Battery Data Sheet

Model: 3060113

Please Find More:

https://www.fpbattery.com/3-7v-2000mah-lithium-polymer-battery/

File Number: A/FP60113-17931

File Version: 01

CONTACT

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

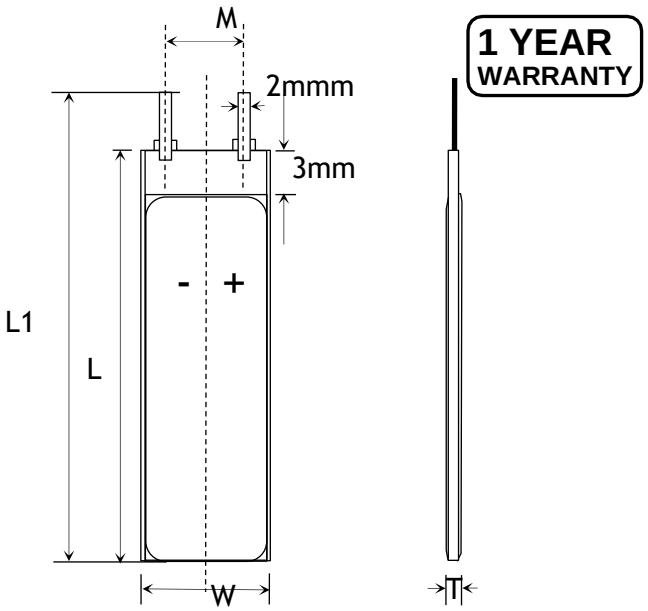
LEARN MORE ON:
https://www.fpbattery.com/

DNK POWER COMPANY LIMITED

BATTERY SPECIFICATION

Part Number	DNK 3060113
Nominal Voltage	3.7 V
Nominal Capacity	2000 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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Item	Parameter (mm)
T	3
W	60
M	10
L	113
L_1	115
BL	115 ± 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

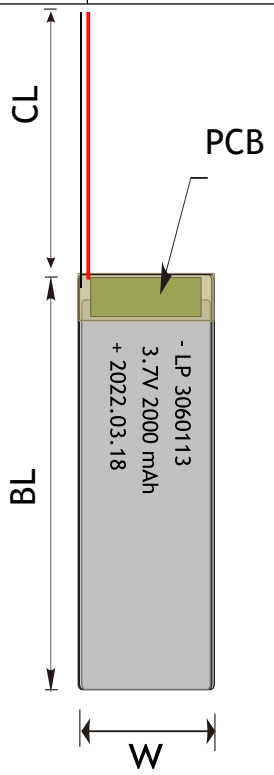
Over Charge	4.275 ± 50mV
Over Discharge	2.5V ± 50mV
Over Current	3A to 5A
Short Circuit	Yes

MECHANICAL SPECIFICATIONS

Dimensions	115x 60 x 3 mm(L*W*T)
Weight	Around 33 g
Battery Terminals	WC/ FL *

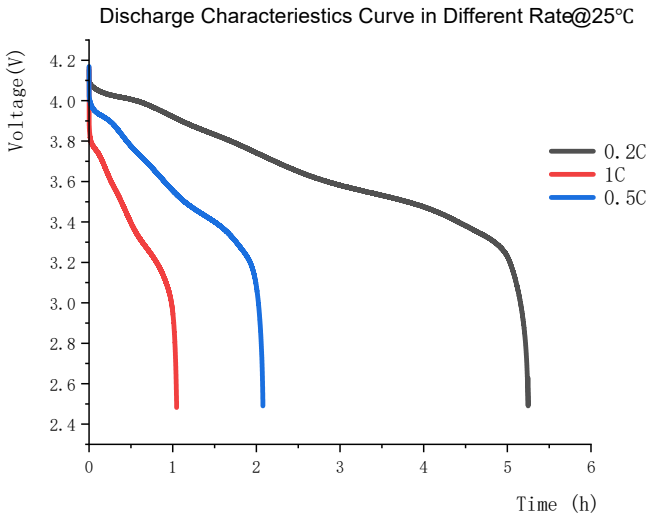
CERTIFICATION

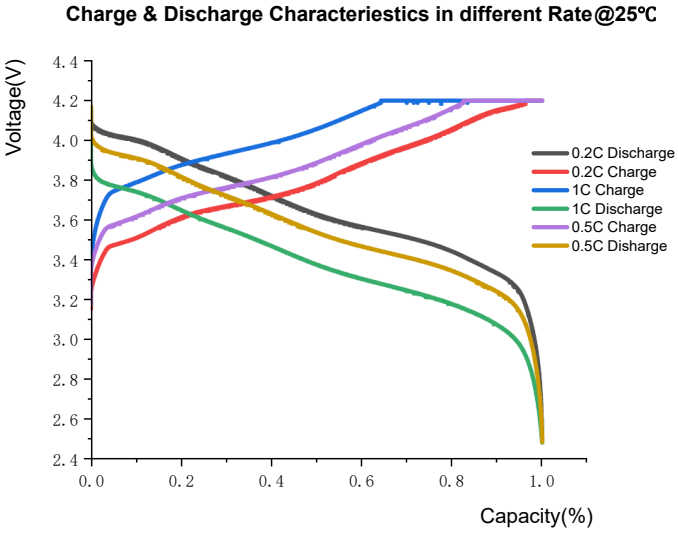
Certification Approval	PLEASE CONSULT SALES



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

RELATIVE CURVES





ANNOUNCEMENT

- ALWAYS store batteries away from any materials that can catch fire.
- The discharge temperature range is between 32°F (0°C) and 113°F (45°C).
- When using an adapter, select an output voltage and current that meets the needs of the battery.
- Do not store batteries with metal.
- NEVER charge a device under a pillow, on a bed, on a carpet, on a couch, or other combustible material.
- ALWAYS use the "Balance Charge" setting on your charger. If your charger does not have this feature then don't use it and invest in one that does.
- Discharge the battery to 50% before storing it for an extended period of time.
- Security or other responsible staff on site who may be called to take action in an emergency should be made aware of the location of the charging area, the means for isolating the power and the action to take in an emergency.
- When using the charger, please monitor the temperature of the charger.
- For best practice store standard lipo batteries at 3.80 volts +/.05 volts per cell. Or at the manufacturer's suggested storage voltage for non standard chemistry's
- Before starting work, remove watches, metal rings, and other metal jewelry when working with or near large batteries or power supplies. If the metal from your jewelry comes into contact with a terminal, you become part of the circuit. Effects can vary from a small electric shock to burns or even electrocution, depending on the power of the battery.