3.7V Lithium Polymer Battery Data Sheet

Model: 404467

Please Find More:

https://www.fpbattery.com/1200mah-lipo-battery/

File Number: A/FP4467-12587

File Version: 01

CONTACT

CUSTOMER SERVICE
86.755.3682.7358
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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 404467
Nominal Voltage	3.7 V
Nominal Capacity	1200 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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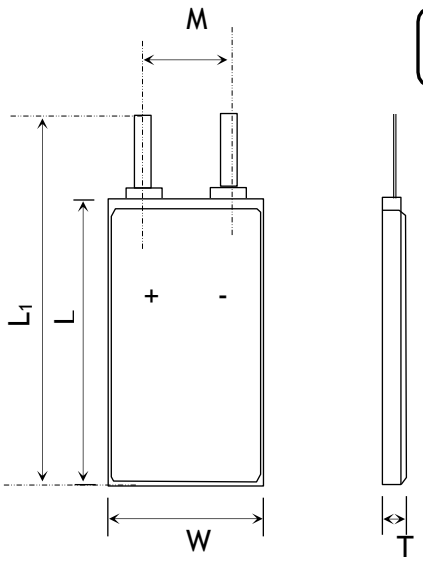
1 YEAR WARRANTY



Item	Parameter (mm)
T	4
W	44
M	10
L	67
L_1	69
BL	69 ± 1
CL	100

ENVIRONMENTAL SPECIFICATIONS

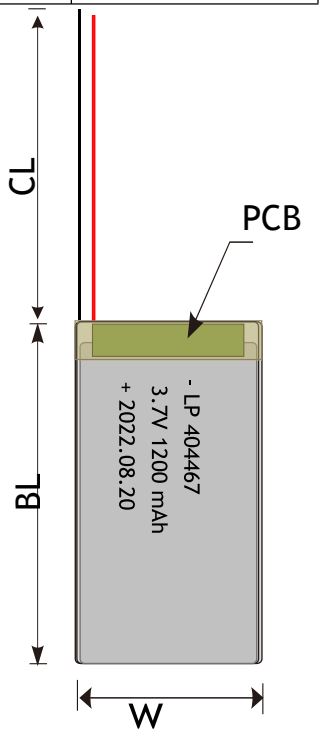
Charging Temperature Range	0 - 45°C
Discharging Temperature Range	-20 - 60°C
Storage Period 1 Week	-20 - 45°C
Storage Period 1 Month	-10 - 45°C
Storage Period 6 Months	0 - 35°C

BATTERY PROTECTION

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

MECHANICAL SPECIFICATIONS

Dimensions	69x 44 x 4 mm(L*W*T)
Weight	Around 20 g
Battery Terminals	WC/ FL *

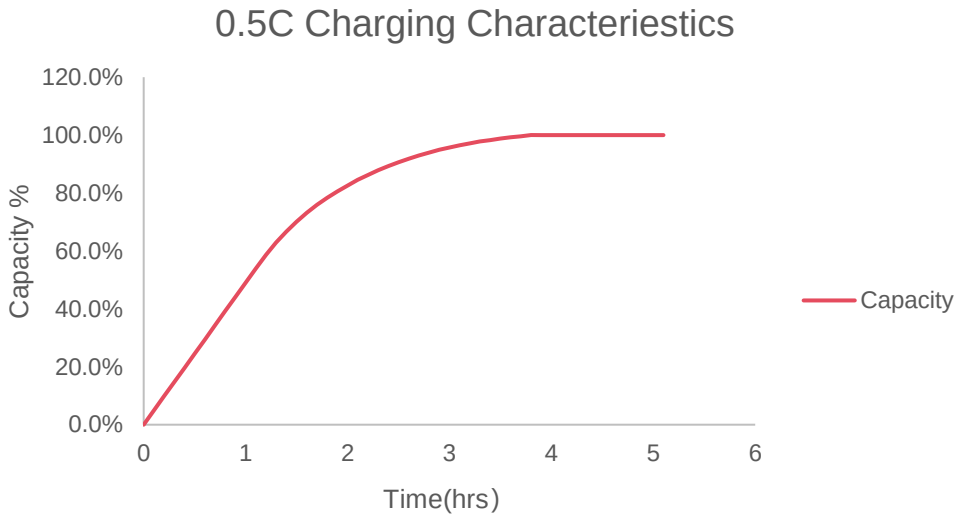


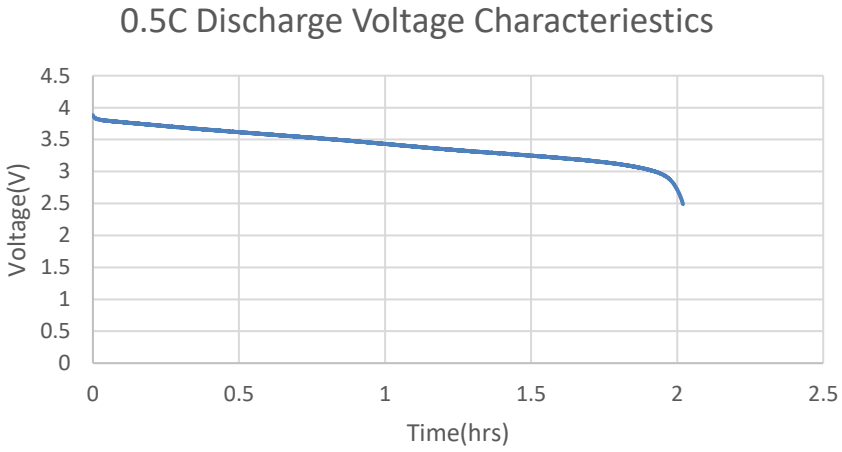
CERTIFICATION

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

- Never directly connect the terminals with metal objects. This will short-circuit Batteries, resulting in heat and electrical discharge.
- LiPo safe bags help contain heat and flames that results if a Li-Ion battery combusts during charging or while in storage.
- Never allow the temperature of Batteries to exceed 120°F / 49°C during discharge. Adequate cooling for Batteries is required.
- It is essential to observe the polarity. Reverse polarity (POSITIVE and NEGATIVE) will damage the cells, cause the battery to swell and can damage your charger.
- Use a dedicated lithium polymer battery charger and ensure that it meets the charging requirements of the battery.
- In the event of a crash, remove battery(s) and place it/them in a safe open area away from any combustible materials for approximately 30 minutes. On no account should you place it in a vehicle for at least 30 minutes as a delayed chemical re-action can occur causing a fire.
- When the battery is empty, recharge it immediately. Do not store an empty battery, the battery will continue to discharge, it will fall below the minimum voltage and become unusable.
- NEVER charge a device under a pillow, on a bed, on a carpet, on a couch, or other combustible material.
- Before starting work,make sure your Li-po batteries, chargers, and associated equipment are tested in accordance with an appropriate test standard (e.g., UL 2054), certified by a Nationally Recognized Testing Laboratory (NRTL), and rated for their intended uses.
- NEVER use water to try and extinguish a LiPo fire. Water acts like petrol on a LiPo battery fire.
- Do not soak the battery with water.