3.7V Lithium Polymer Battery Data Sheet

Model: 404662

Please Find More:

https://www.fpbattery.com/3-7v-1100mah-lithium-polymer-battery/

File Number: A/FP4662-9459

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/

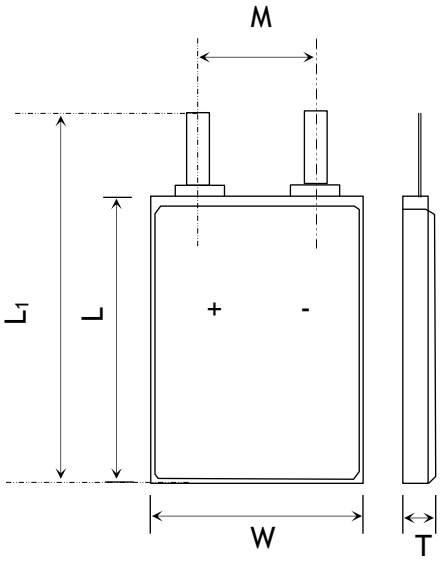
DNK POWER COMPANY LIMITED

BATTERY SPECIFICATION

Part Number	DNK 404662
Nominal Voltage	3.7 V
Nominal Capacity	1100 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	46
M	10
L	62
L_1	64
BL	64 ± 1
CL	100

ENVIRONMENTAL SPECIFICATIONS

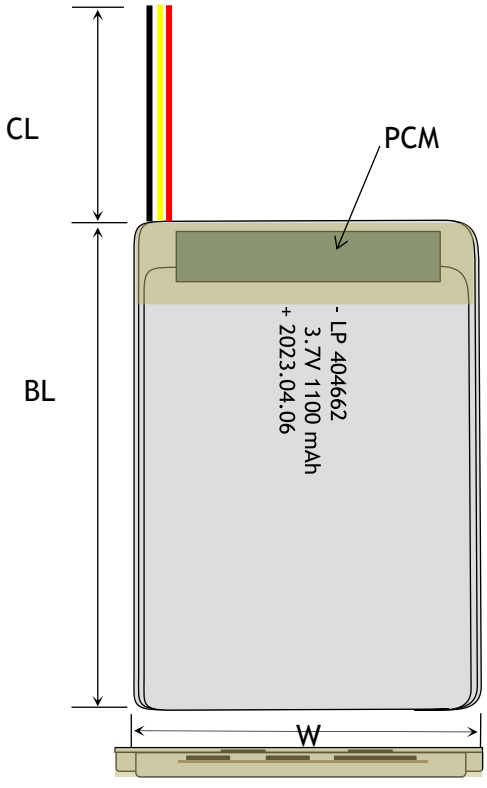
Charging Temperature Range	0 - 45°C
Discharging Temperature Range	-20 - 60°C
Storage Period 1 Week	-20 - 45°C
Storage Period 1 Month	-10 - 45°C
Storage Period 6 Months	0 - 35°C

BATTERY PROTECTION

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

MECHANICAL SPECIFICATIONS

Dimensions	64x 46 x 4 mm(L*W*T)
Weight	Around 18 g
Battery Terminals	WC/ FL *

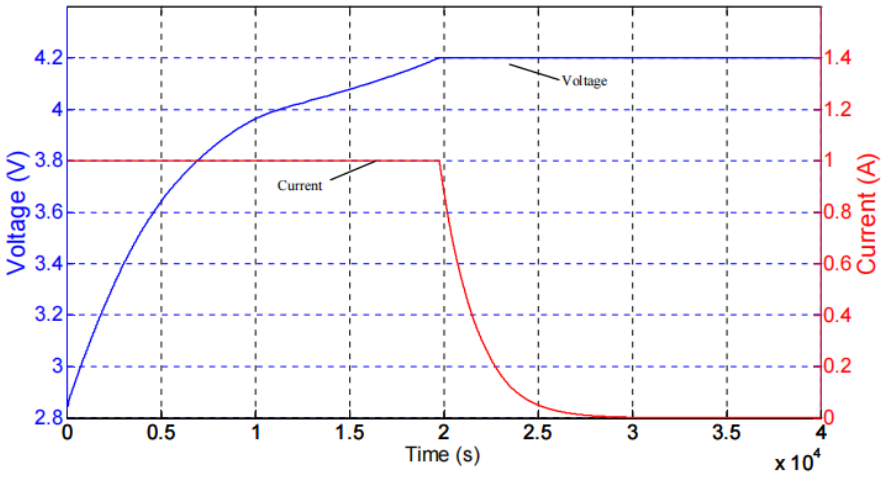


CERTIFICATION

Certification Approval	PLEASE CONSULT SALES

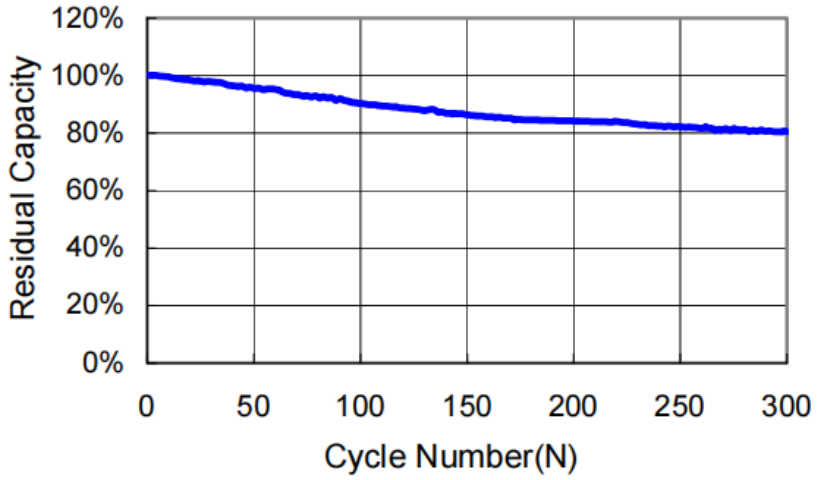
* WC=With Connector FL=Flying Leads UWP=Blue Wrapped PVC
BWP=Black Wrapped PVC BC= Bare Cell

RELATIVE CURVES



Cycle Characteristics

Measurement temperature:25℃
Cycle condition:charge:CC-CV:1.3A-4.2V
Discharge:CC:1.3A(E.V:3.0V)



ANNOUNCEMENT

- Do not crush or bend the battery.
- Do not charge LiPo batteries in a vehicle or in the engine compartment of a vehicle.
- NEVER attempt to extinguish this type of fire yourself – portable fire extinguishers have proven to be ineffective in extinguishing Li-Ion and LiPo battery fires.
- Always check that batteries are physically and electrically undamaged before charging or discharging.
- Never burn, overheat, disassemble, short-circuit, solder, puncture, crush or otherwise mutilate battery packs or cells.
- ALWAYS use the correct battery and charger size and type that is specified for the device.
- Emergency Response and Disposal
- Be aware that many of the more expensive LiPo chargers will automatically detect the cell count of the battery being charged; cheaper chargers will require a manual setting.
- ALWAYS immediately disconnect the charging cord from the wall outlet if batteries or equipment develop heat/smoke, unusual odors, or show evidence of bulging (changes in shape or geometry).
- Do not carry LiPo batteries in your pocket. They have been known to short against coins and keys and cause fires.
- Avoid frequent shutdowns and restarts of the device on the way to using the battery.