3.7V Lithium Polymer Battery Data Sheet

Model: 405436

Please Find More:

https://www.fpbattery.com/3-7v-750mah-lithium-polymer-battery/

File Number: A/FP5436-94

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/

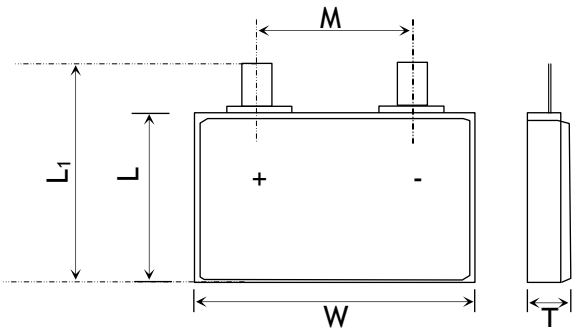
DNK POWER COMPANY LIMITED

BATTERY SPECIFICATION

Part Number	DNK 405436
Nominal Voltage	3.7 V
Nominal Capacity	780 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	54
M	10
L	36
L_1	38
BL	38 ± 1
CL	100

ENVIRONMENTAL SPECIFICATIONS

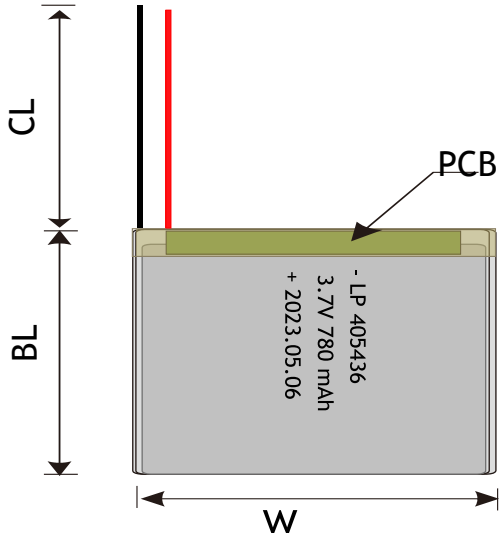
Charging Temperature Range	0 - 45°C
Discharging Temperature Range	-20 - 60°C
Storage Period 1 Week	-20 - 45°C
Storage Period 1 Month	-10 - 45°C
Storage Period 6 Months	0 - 35°C

BATTERY PROTECTION

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

MECHANICAL SPECIFICATIONS

Dimensions	38x 54 x 4 mm(L*W*T)
Weight	Around 13 g
Battery Terminals	WC/ FL *

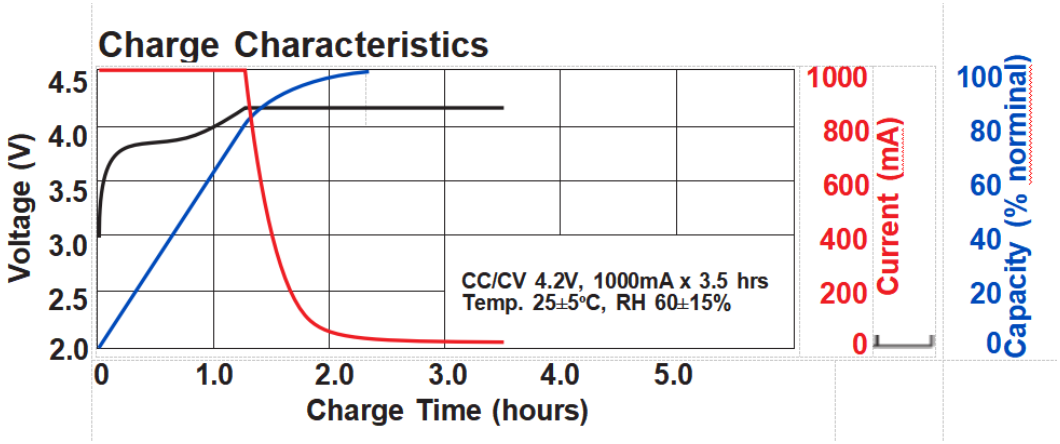


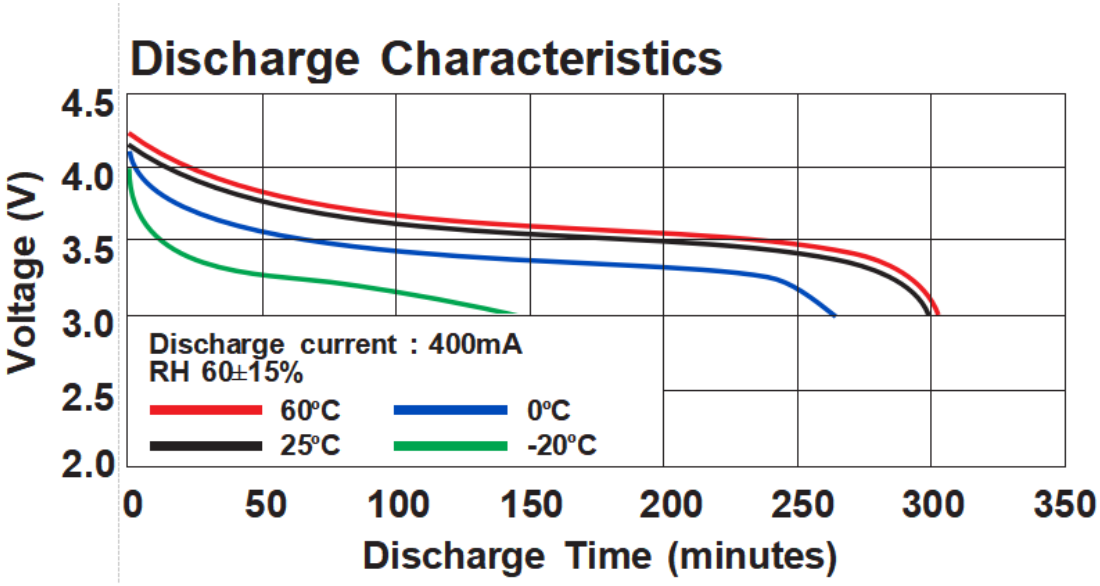
CERTIFICATION

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 follow the manufacturer’s safety instructions
- Never immerse the battery in water or allow it to get wet.
- Avoid frequent shutdowns and restarts of the device on the way to using the battery.
- ALWAYS close the door to the room or space.
- Do not use water to extinguish a buttery fire Use a Class ABC dry fire extinguisher.
- ALWAYS read and follow the manufacturer's instructions for charging, use, maintenance, and storage.
- Insulate all battery terminals on batteries to be disposed of.
- Use the included charge lead (if applicable) for charging purposes only! DO NOT use the harness as a power adapter. Use of the charging harness as a power adapter may result in overheating of the battery connection resulting in melting of the plastic battery case.
- Discharge Lipo Battery at Environmental temperature : -20˚C~60˚C.
- Avoid excessively hot and humid conditions, especially when batteries are fully charged. Do not place batteries in direct sunlight, on hot surfaces or in hot locations.
- If safe to do so, fully discharge batteries that are to be disposed of.