3.7V Lithium Polymer Battery Data Sheet

Model: 404576

Please Find More:

https://www.fpbattery.com/3-7v-1400mah-lithium-polymer-battery/

File Number: A/FP4576-15376

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/

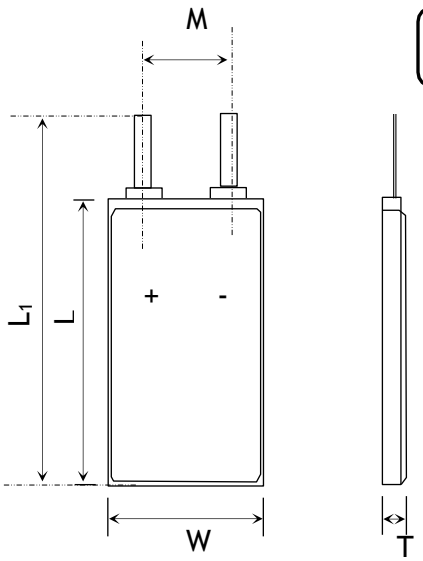
DNK POWER COMPANY LIMITED

BATTERY SPECIFICATION

Part Number	DNK 404576
Nominal Voltage	3.7 V
Nominal Capacity	1400 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	45
M	10
L	76
L_1	78
BL	78 ± 1
CL	100

ENVIRONMENTAL SPECIFICATIONS

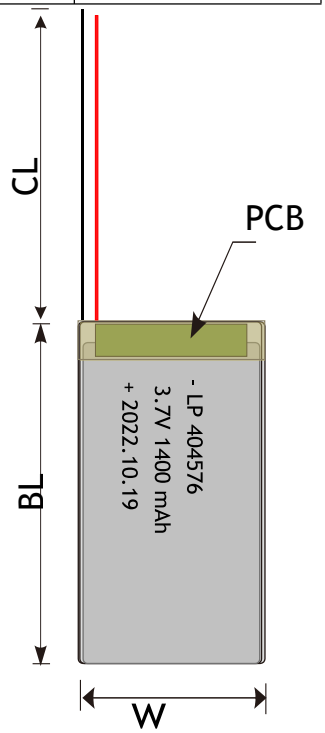
Charging Temperature Range	0 - 45°C
Discharging Temperature Range	-20 - 60°C
Storage Period 1 Week	-20 - 45°C
Storage Period 1 Month	-10 - 45°C
Storage Period 6 Months	0 - 35°C

BATTERY PROTECTION

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

MECHANICAL SPECIFICATIONS

Dimensions	78x 45 x 4 mm(L*W*T)
Weight	Around 23 g
Battery Terminals	WC/ FL *

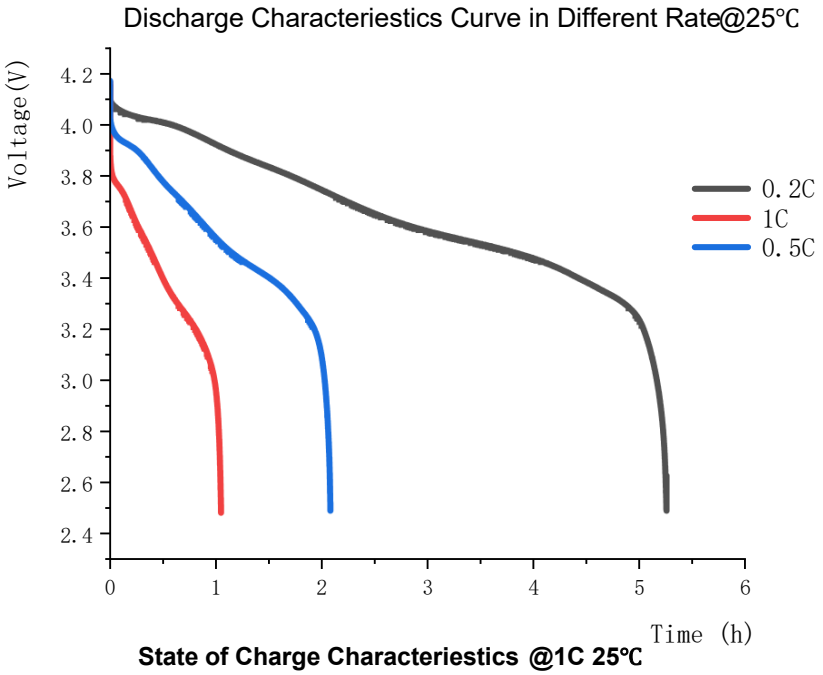


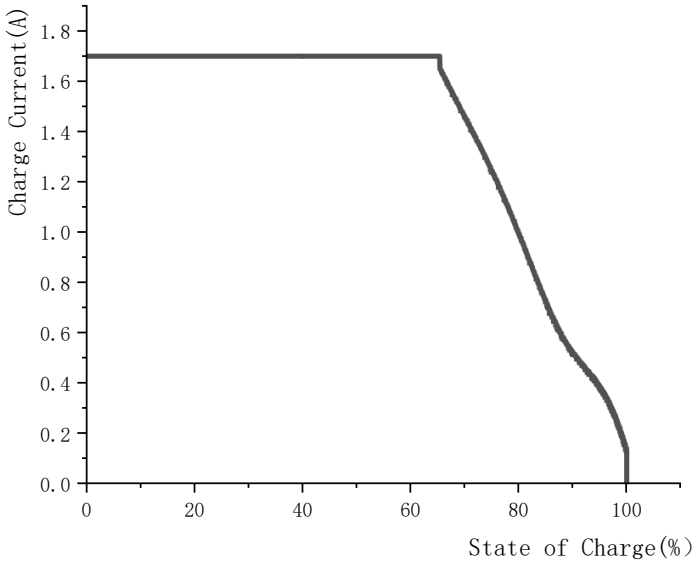
CERTIFICATION

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

- Make sure the device is turned off before disconnecting the power.
- Avoid bumping or dropping the battery to prevent damage or internal short circuit.
- Always charge the LiPo battery outdoors or in a ventilated area away from flammable objects and surfaces.
- Do not allow the battery to come into common contact with metal to prevent a short circuit.
- Do not apply sticky substances to the positive and negative terminals of the battery.
- Always charge batteries at a rate of 1c (one (times the capacity unless specified by the manufacturer
- Never discharge Batteries at amperage rates higher than specified on Batteries' labels
- Always charge batteries at a rate of 1c (one (times the capacity unless specified by the manufacturer
- Never charge a battery that shows signs of puffing.