3.7V Lithium Polymer Battery Data Sheet

Model: 403544

Please Find More:

https://www.fpbattery.com/3-7v-5500mah-lithium-polymer-battery/

File Number: A/FP3544-7596

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

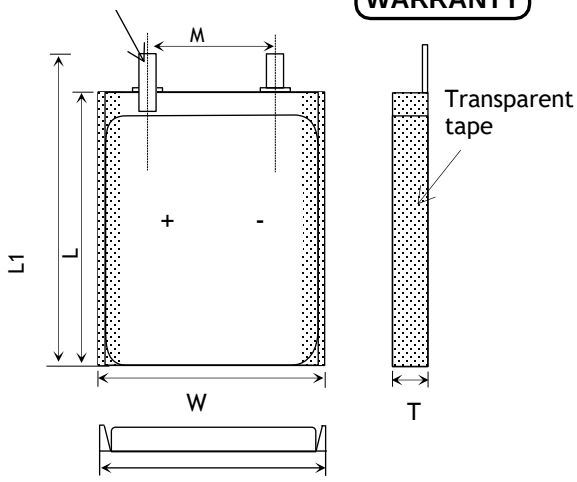
BATTERY SPECIFICATION

Part Number	DNK 403544
Nominal Voltage	3.7 V
Nominal Capacity	615 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	35
M	10
L	44
L_1	46
BL	46 ± 1
CL	100

ENVIRONMENTAL SPECIFICATIONS

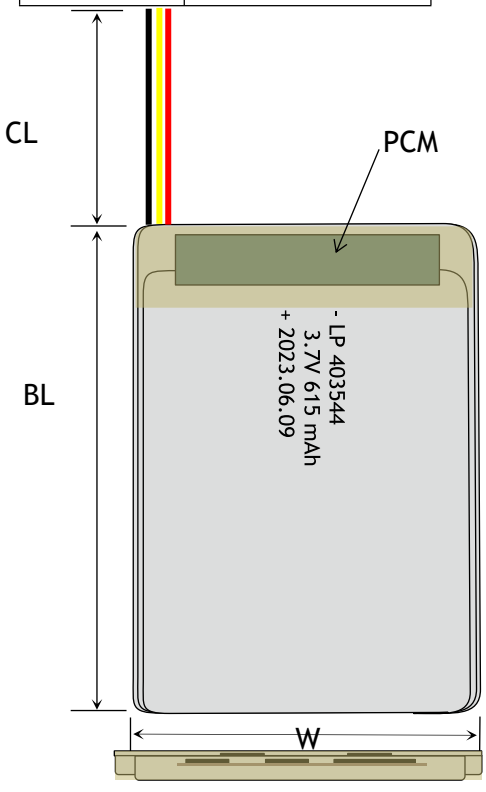
Charging Temperature Range	0 - 45°C
Discharging Temperature Range	-20 - 60°C
Storage Period 1 Week	-20 - 45°C
Storage Period 1 Month	-10 - 45°C
Storage Period 6 Months	0 - 35°C

BATTERY PROTECTION

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

MECHANICAL SPECIFICATIONS

Dimensions	46x 35 x 4 mm(L*W*T)
Weight	10 g
Battery Terminals	WC/ FL *

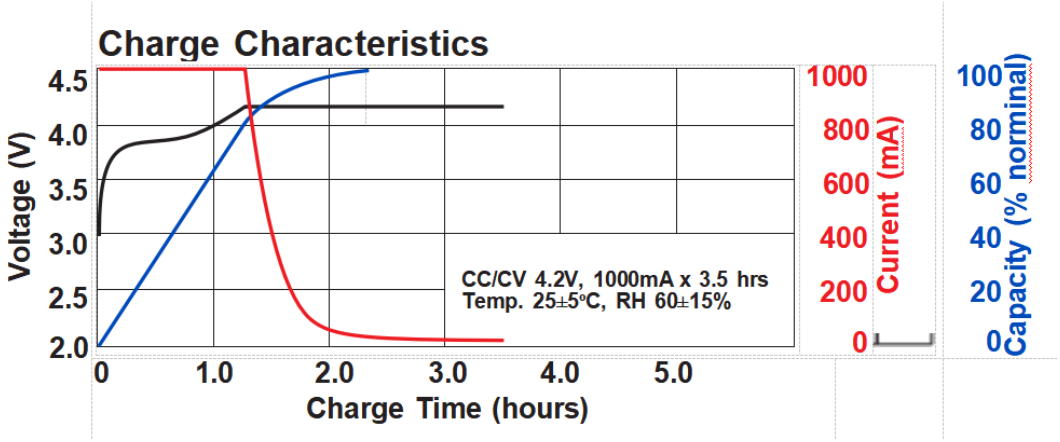


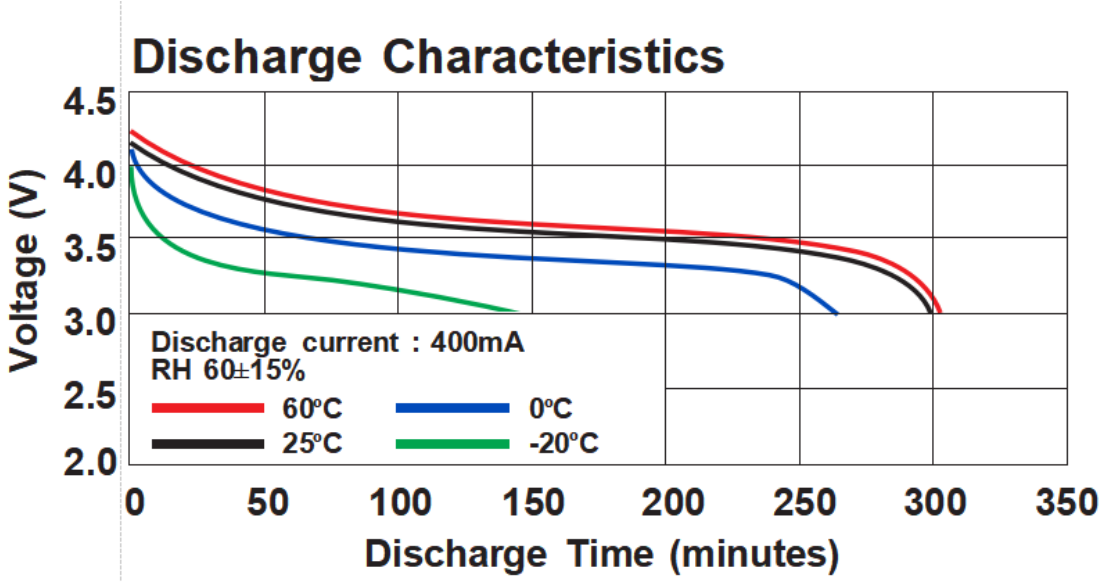
CERTIFICATION

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

- Double check that the setting for the lithium polymer charger is correct for the pack being charged – this includes the cell count as well as the current settings.
- No charging should take place overnight.
- Test equipment for short circuits prior to installing batteries.
- AVOID storing Li-ion batteries with metal objects, including in a drawer with coins.
- If leaking material is present, do not touch it.
- Never keep sharp objects near Lipos. This may cause a hole in the pack and can lead to a fire.
- Double check that the setting for the lithium polymer charger is correct for the pack being charged – this includes the cell count as well as the current settings.
- When replacing batteries, make sure to use batteries of the same type, size and brand.
- NEVER put discarded batteries in piles.
- Keep all batteries out of the reach of children.
- Always charge batteries at a rate of 1c (one (times the capacity unless specified by the manufacturer