3.7V Lithium Polymer Battery Data Sheet

Model: 453443

Please Find More:

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

File Number: A/FP3443-7736

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

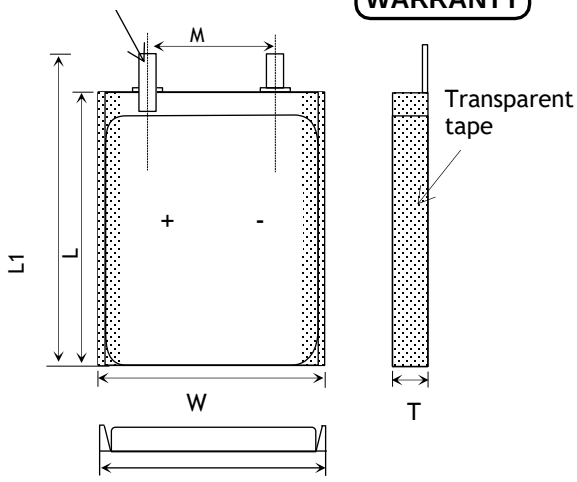
BATTERY SPECIFICATION

Part Number	DNK 453443
Nominal Voltage	3.7 V
Nominal Capacity	660 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	34
M	10
L	43
L_1	45
BL	45 ± 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

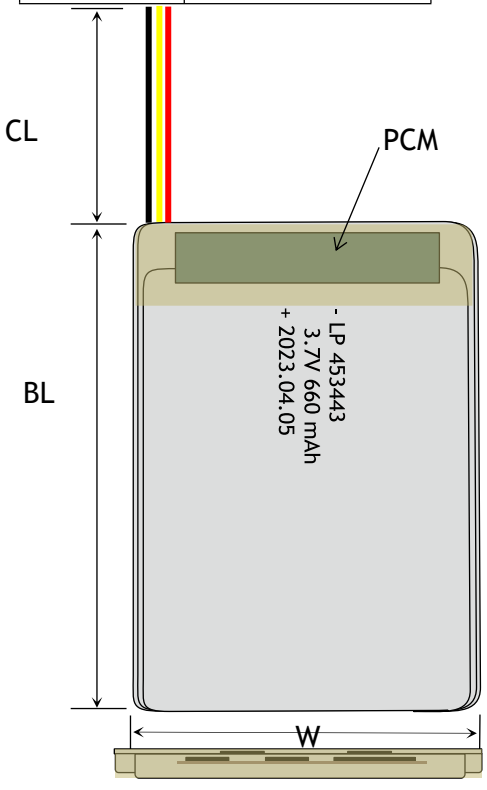
MECHANICAL SPECIFICATIONS

Dimensions	45x 34 x 4 mm(L*W*T)
Weight	11 g
Battery Terminals	WC/ FL *

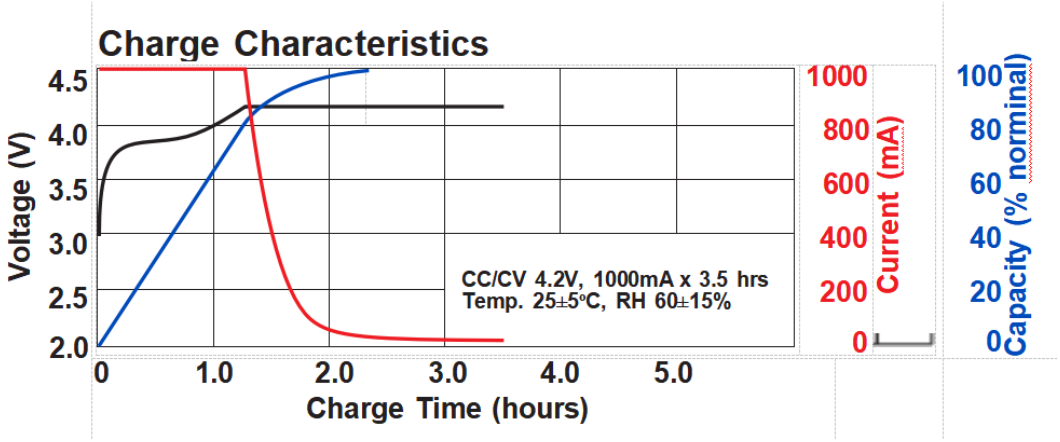
CERTIFICATION

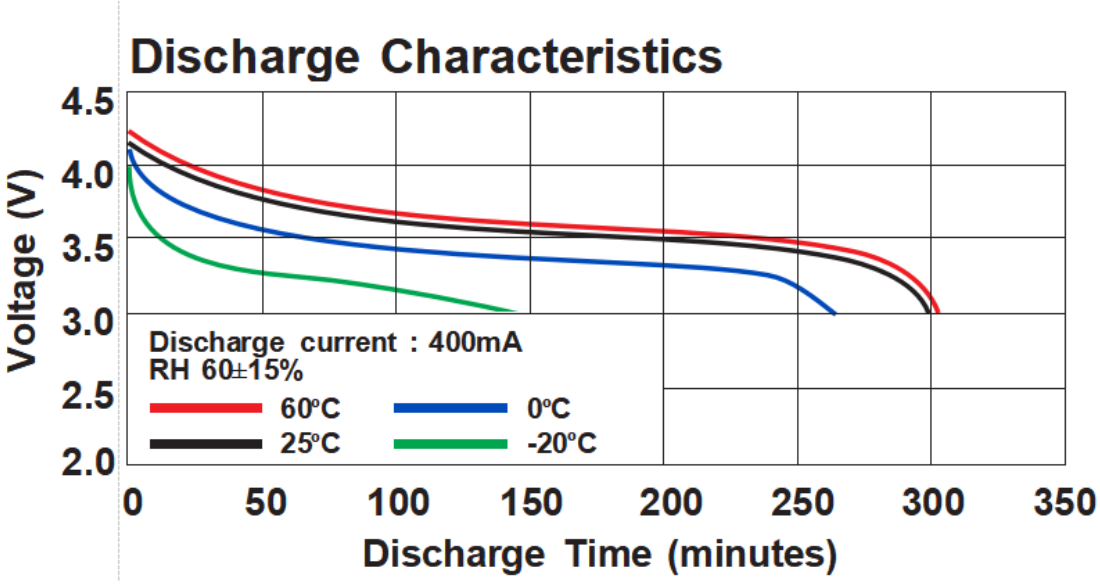
Certification Approval	PLEASE CONSULT SALES

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



RELATIVE CURVES





ANNOUNCEMENT

- Do not store your cells in a hot place (i.e. in your car on a hot day) as this may cause them to catch fire or even explode.
- Intact batteries can be disposed of as Universal Waste. If the battery is greater than 9V, tape the terminals before disposal.
- Never charge batteries unattended.
- Never put LiPo batteries or battery packs in pockets, drawers or bags where they might make contact with something made of metal. This can cause a short circuit.
- Be careful of the polarity when connecting and disconnecting batteries.
- Insulate all battery terminals on batteries to be disposed of.
- Never expose Batteries to extreme temperatures or direct sunlight. The temperature range must be between 40-120° F (4-49° C).
- The battery should be transported with 10-50% charged states.
- Clean the battery connectors regularly to maintain good contact performance.
- Never alter, puncture or impact Batteries or related components.
- Do not charge the battery without supervision.