3.7V Lithium Polymer Battery Data Sheet

Model: 306785

Please Find More:

https://www.fpbattery.com/3-7v-1700mah-lithium-polymer-battery/

File Number: A/FP6785-7860

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/

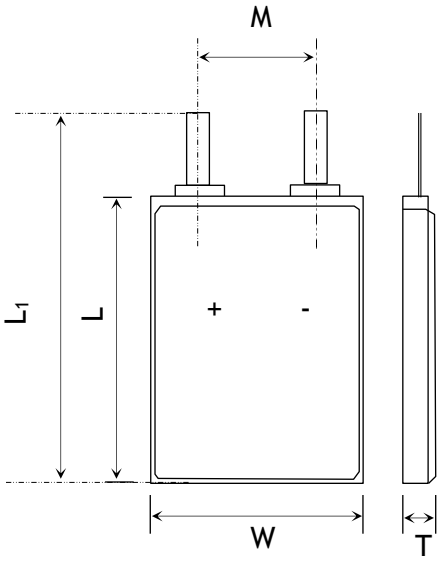
DNK POWER COMPANY LIMITED

BATTERY SPECIFICATION

Part Number	DNK 306785
Nominal Voltage	3.7 V
Nominal Capacity	1700 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	3
W	67
M	10
L	85
L_1	87
BL	87 ± 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

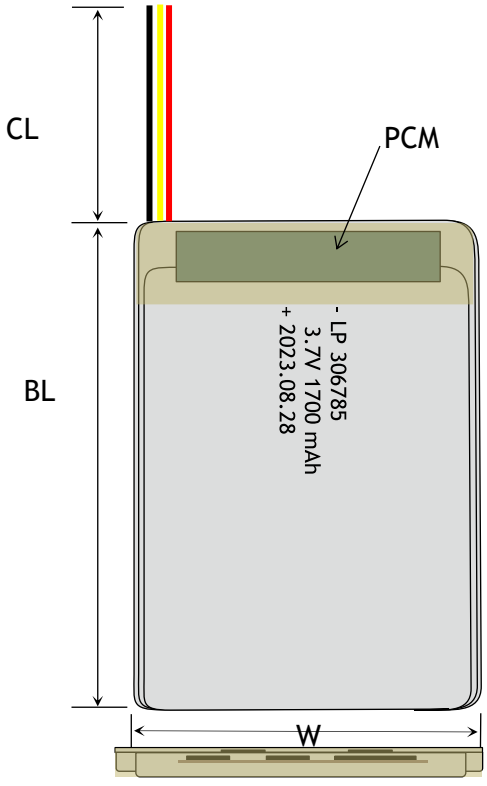
MECHANICAL SPECIFICATIONS

Dimensions	87x 67 x 3 mm(L*W*T)
Weight	Around 28 g
Battery Terminals	WC/ FL *

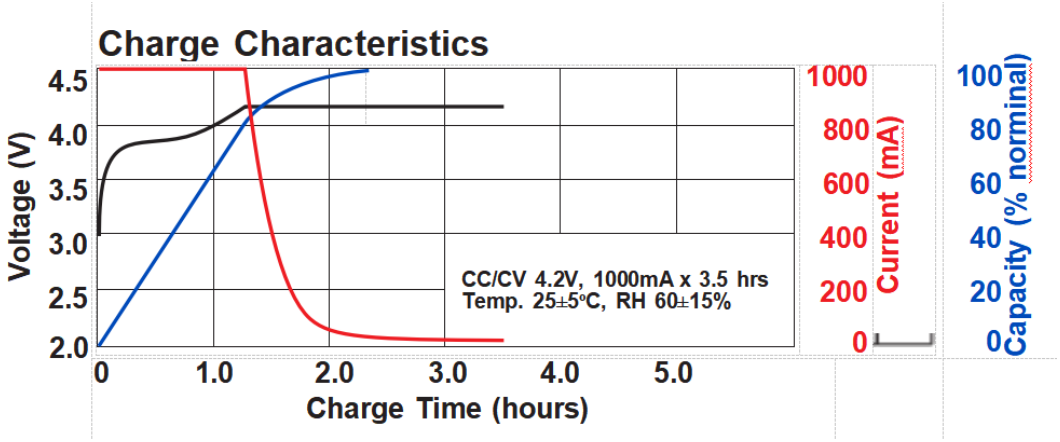
CERTIFICATION

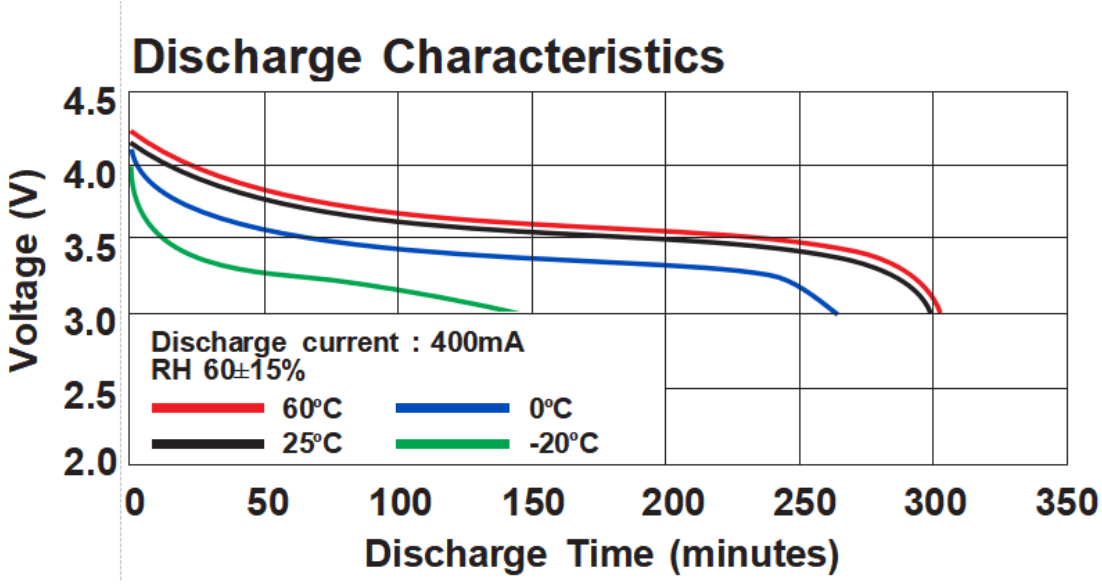
Certification Approval	PLEASE CONSULT SALES

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



RELATIVE CURVES





ANNOUNCEMENT

- Never overcharge Batteries beyond the capacity listed on Batteries labels.
- 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.
- NEVER put Li-Ion or LiPo batteries in the trash.
- Ensure that you choose a regular and reputable supplier before purchasing.
- Charge only with an approved LiPo charger, according to the parameters for the particular battery
- Avoid using unauthorized charging devices.
- The cells shall never be soaked with liquids such as water, seawater drinks such as soft drinks, juices coffee or others.
- Do not approach the cell until it reaches room temperature. The cell temperature can be checked using a remote device (i.e. infrared thermometer).
- Before starting work, if you are designing wearables using lithium-ion batteries, make sure they are easily removeable if they start to react while being worn.
- Store behind a fire door and where a fire alarm is situated.
- Never drop this type of battery, it will be deformed and we advise you never to try to charge a deformed battery as this may cause swelling, leakage and even fire.