3.7V Lithium Polymer Battery Data Sheet

Model: 304875

Please Find More:

https://www.fpbattery.com/3-7v-1000mah-lithium-polymer-battery/

File Number: A/FP4875-13290

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/

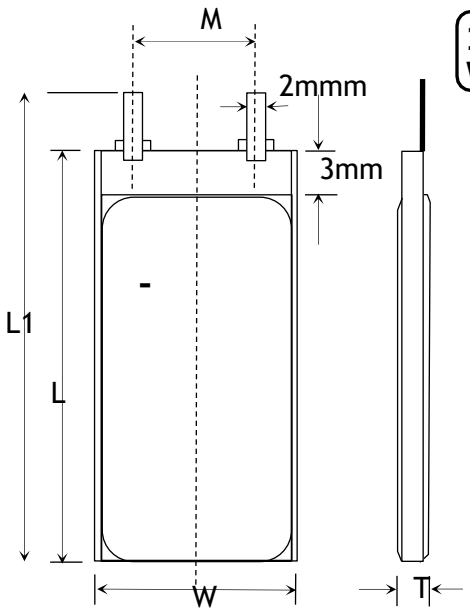
DNK POWER COMPANY LIMITED

BATTERY SPECIFICATION

Part Number	DNK 304875
Nominal Voltage	3.7 V
Nominal Capacity	1085 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	48
M	10
L	75
L_1	77
BL	77 ± 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

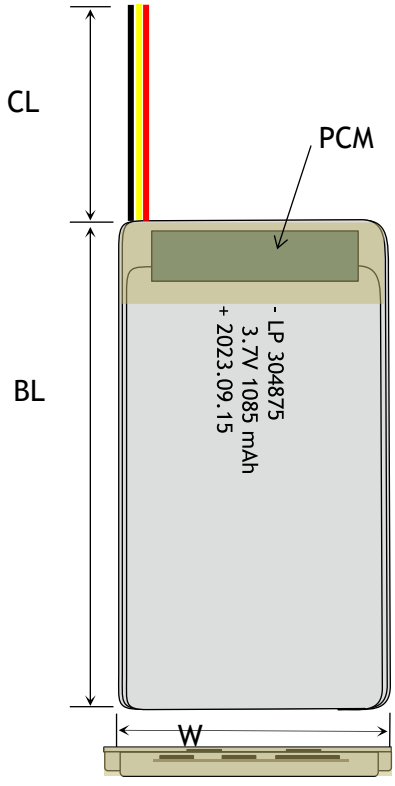
MECHANICAL SPECIFICATIONS

Dimensions	77x 48 x 3 mm(L*W*T)
Weight	Around 18 g
Battery Terminals	WC/ FL *

CERTIFICATION

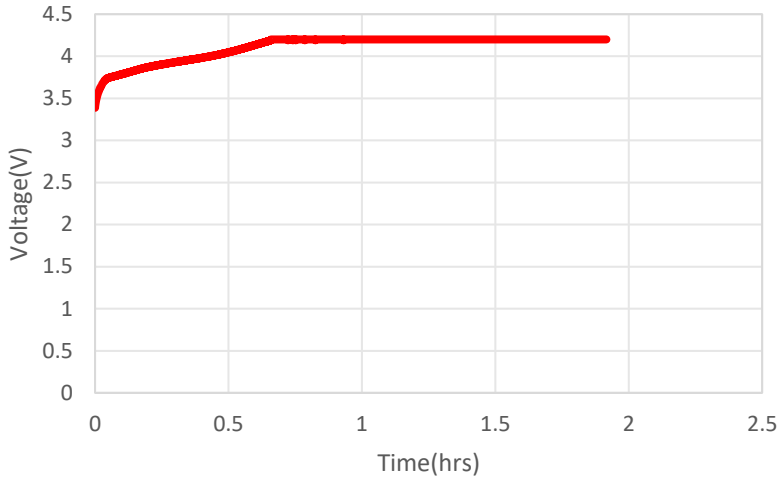
Certification Approval	PLEASE CONSULT SALES

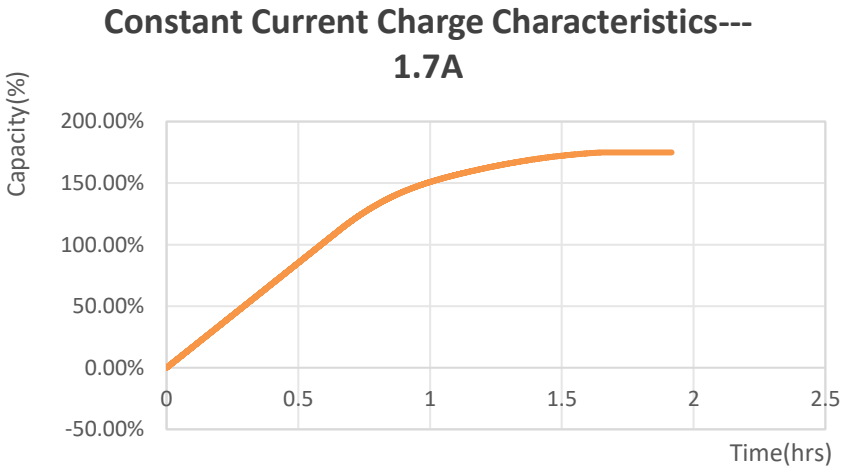
* WC=With Connector FL=Flying Leads UWP=Blue Wrapped PVC BWP=Black Wrapped PVC BC= Bare Cell



RELATIVE CURVES

Constant Current Charge Characteristics---1.7A





ANNOUNCEMENT

- Always charge Batteries in an open area away from flammable materials, liquids and surfaces.
- Inspect batteries weekly. Look for puffed LiPo battery casing. Monitor temperature.
- Always consult the manufacturerGspecific battery manual for proper instructions.
- Periodically check that the battery connectors and cables are intact.
- Charge on a non-flammable surface (concrete, ceramic, steel) away from any flammable material
- Avoid frequent shutdowns and restarts of the device on the way to using the battery.
- Avoid prolonged use of the battery until depleted.
- Do not use a damaged charger that could cause the battery to overcharge or over discharge.
- Keep all batteries out of the reach of children.
- The discharge temperature range is between 32°F (0°C) and 113°F (45°C).
- Maintain the minimum quantity of batteries possible.