3.7V Lithium Polymer Battery Data Sheet

Model: 305262

Please Find More:

https://www.fpbattery.com/3-7v-900mah-lithium-polymer-battery/

File Number: A/FP5262-6204

File Version: 01

CONTACT

CUSTOMER SERVICE
86.755.3682.7358
sales@fpbattery.com
Hours of Operation:
9:00am-6:00pm CST, Monday to Friday

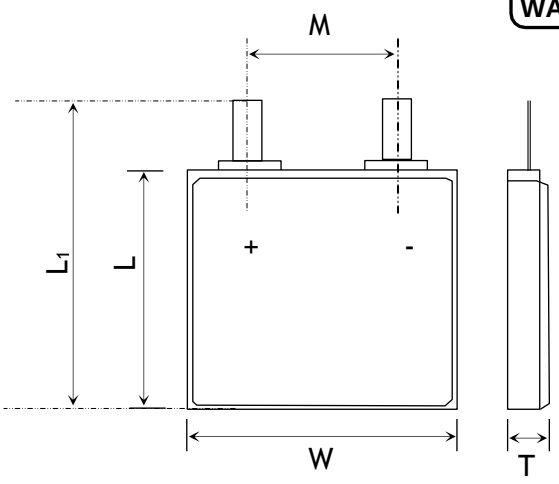
LEARN MORE ON:
https://www.fpbattery.com/

DNK POWER COMPANY LIMITED

BATTERY SPECIFICATION

Part Number	DNK 305262
Nominal Voltage	3.7 V
Nominal Capacity	965 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 year warranty



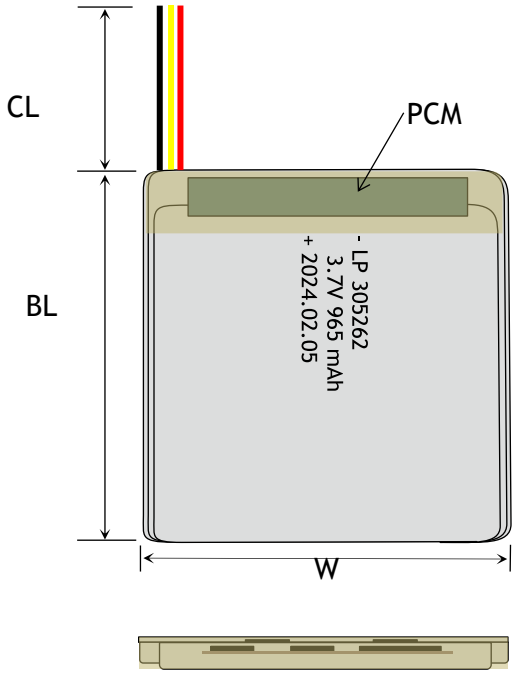
Item	Parameter (mm)
T	3
W	52
M	10
L	62
L_1	64
BL	64 ± 1
CL	100

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

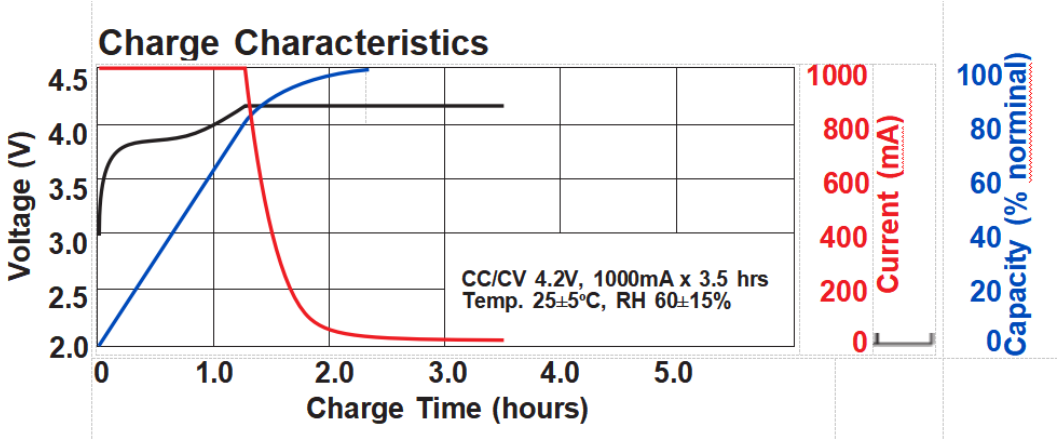
Dimensions	64x 52 x 3 mm(L*W*T)
Weight	Around 16 g
Battery Terminals	WC/ FL *

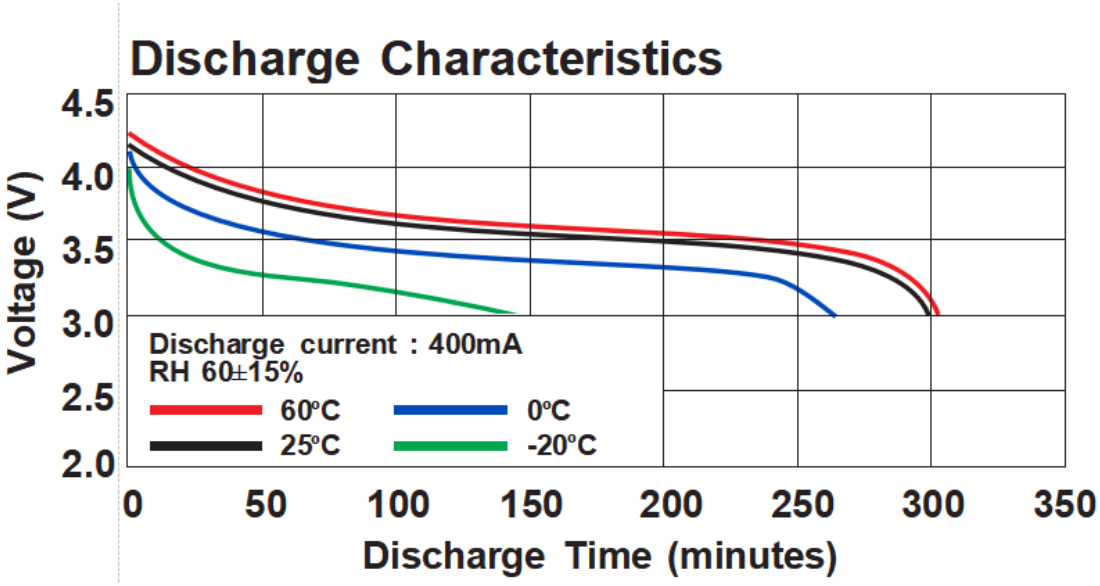
CERTIFICATION

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

- The discharge temperature range is between 32˚F (0˚C) and 113˚F (45˚C).
- Discharge the battery to 50% before storing it for an extended period of time.
- Avoid changing the battery frequently during use.
- Never charge a LiPo battery on a wooden or other combustible (carpeted) surface. Always charge LiPo batteries on surfaces made of cement, steel, ceramic or stone.
- Never discharge battery to a level below 3V per cell under load.
- Lithium-ion batteries assembled to offer higher voltages (over 60V) may present electrical shock and arc hazards. Therefore adherence to applicable electrical protection standards (terminal protection, shielding, PPE etc.) is required tAVOID exposure to electrical hazards.
- When using the charger, please monitor the temperature of the charger.
- Be sure to read all documentation supplied with your battery.
- ALWAYS store batteries away from any materials that can catch fire.
- Do not vibrate the battery excessively.
- Do not store the battery in direct sunlight.