3.7V Lithium Polymer Battery Data Sheet

Model: 404356

Please Find More:

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

File Number: A/FP4356-8587

File Version: 01

CONTACT

CUSTOMER SERVICE
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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 404356
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)

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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	58x 43 x 4 mm(L*W*T)
Weight	16 g
Battery Terminals	WC/ FL *

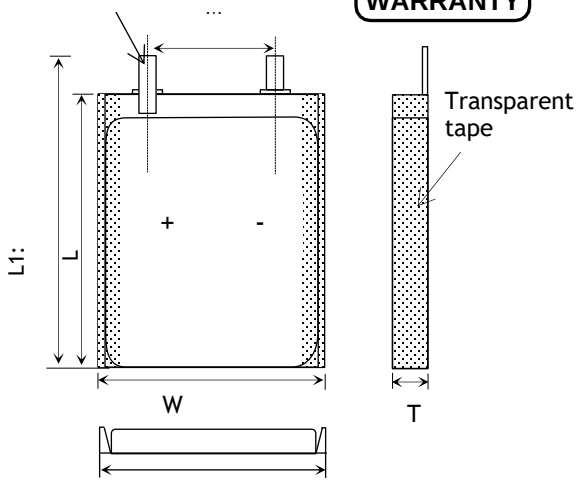
CERTIFICATION

Certification Approval	PLEASE CONSULT SALES

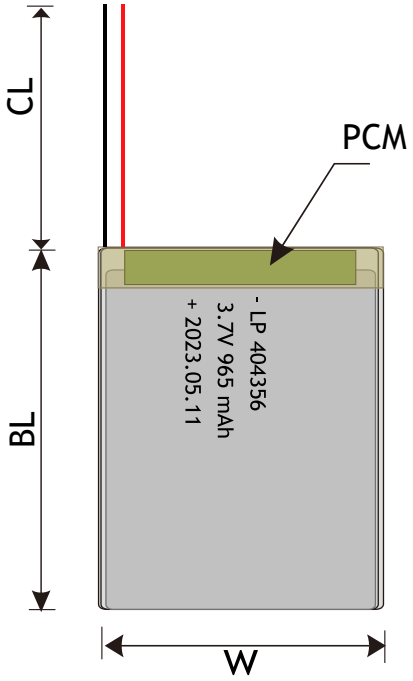
* WC=With Connector FL=Flying Leads UWP=Blue Wrapped PVC BWP=Black Wrapped PVC BC= Bare Cell

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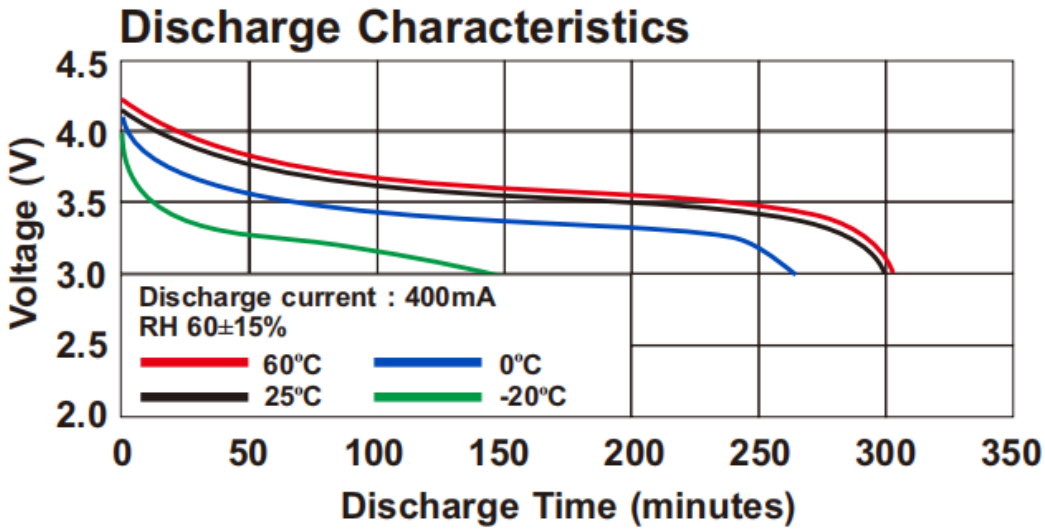
1 YEAR WARRANTY

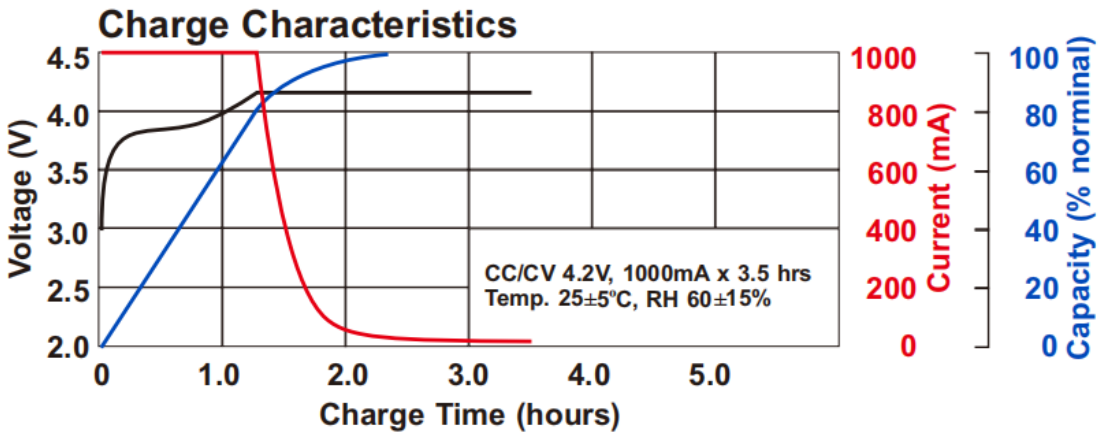


Item	Parameter (mm)
T	4
W	43
M	10
L	56
L_1	58
BL	58 ± 1
CL	100



RELATIVE CURVES





ANNOUNCEMENT

- Only charge in an isolated area away from other flammable materials and on a non conductive and non flammable surface. Use a fireproof container. LiPo battery fires can not be extinguished. If a fire occurs, contain it by covering it with a fire blanket until it burns itself out.
- Check cell voltage after the first charge to verify that the voltage has not exceeded the maximum charge voltage (Please refer to Chart 1). Check the voltage of each cell via the balance connector to verify that the voltage of each cell has not exceeded the maximum value.
- Avoid using chargers with long charging times.
- When using the adapter, make sure that the voltage and current requirements are met.
- Do not leave cells un-attended when charging. Always remain close to the charging cells to constantly monitor the charging process and react to any potential problems should they occur.
- Do not charge the battery without supervision.
- Avoid prolonged exposure to high temperatures
- Use a reliable power adapter to avoid unstable current output.
- Do not expose the battery to temperature extremes, such as high or low temperatures.
- Keep all batteries out of the reach of children.
- Discharging capacity can't exceed 80% of the max capacity after full charging to ensure a good cycle performance