3.7V Lithium Polymer Battery Data Sheet

Model: 356762

Please Find More:

https://www.fpbattery.com/1500mah-lithium-polymer-battery/

File Number: A/FP6762-860

File Version: 01

CONTACT

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

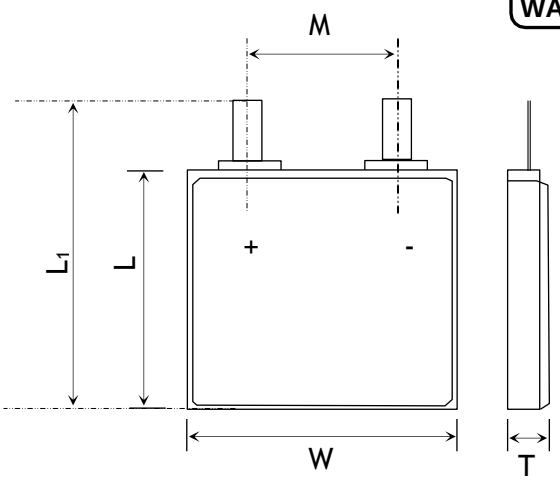
LEARN MORE ON:
https://www.fpbattery.com/

DNK POWER COMPANY LIMITED

BATTERY SPECIFICATION

Part Number	DNK 356762
Nominal Voltage	3.7 V
Nominal Capacity	1500 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	67
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

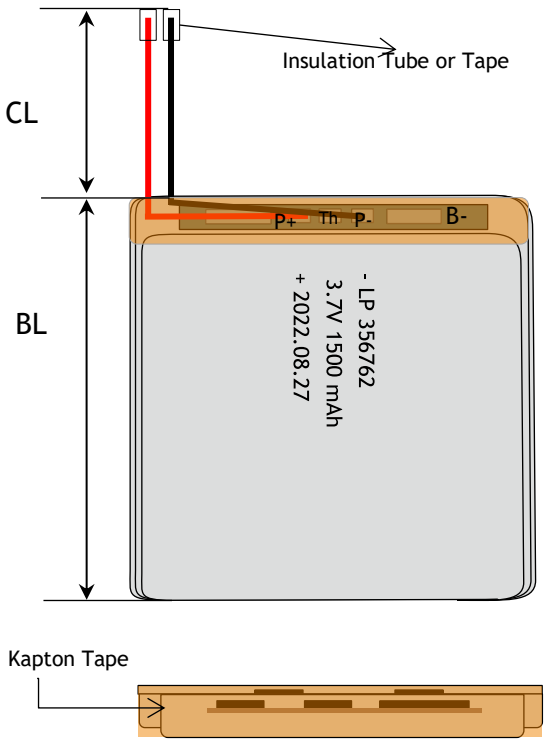
MECHANICAL SPECIFICATIONS

Dimensions	64x 67 x 3 mm(L*W*T)
Weight	Around 25 g
Battery Terminals	WC/ FL *

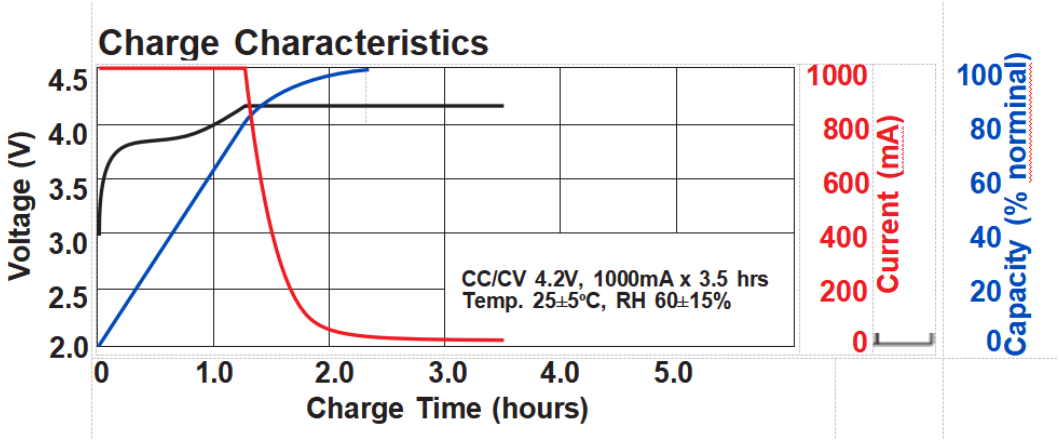
CERTIFICATION

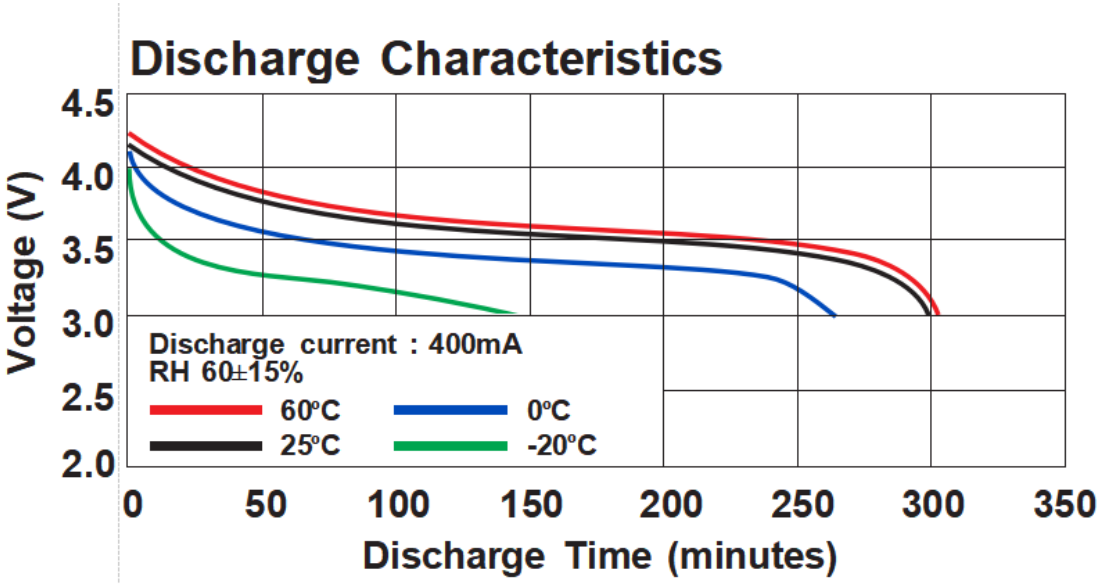
Certification Approval	PLEASE CONSULT SALES

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



RELATIVE CURVES





ANNOUNCEMENT

- NEVER leave your LiPo battery unattended while charging.
- Do not allow charging to continue above 4.20V per cell. This is VERY important as a fire could result.
- Do not touch the battery to materials that are easily conductive.
- No charging should take place overnight.
- 3.6V~3.9V range. Always store your LiPo pack in a safe and non flammable container away from flammable objects.
- For thermal runaway/fire, activate fire alarm, evacuate, contact public safety.
- Dedicate a battery storage area free of combustible materials.
- Dispose of defective Lipos in accordance with local ordinances and in a safe manner.
- Keep all batteries out of the reach of children.
- Dedicate a battery storage area free of combustible materials.
- Do not inhale the gasses of a damaged battery or ingest the contents. If you do accidentally swallow the contents of LiPo cells seek medical attention immediately.