3.7V Lithium Polymer Battery Data Sheet

Model: 356073

Please Find More:

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

File Number: A/FP6073-6739

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/

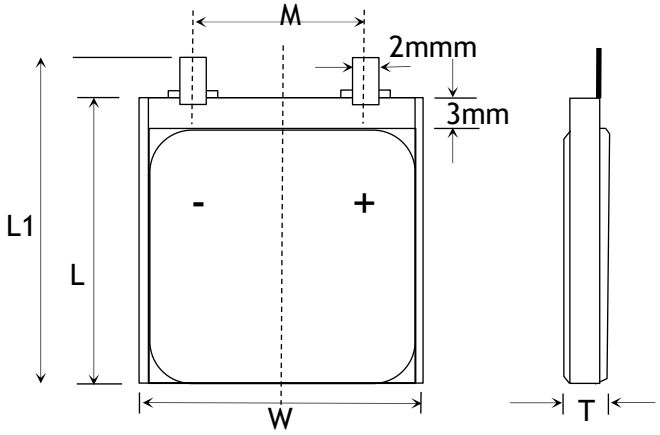
DNK POWER COMPANY LIMITED

BATTERY SPECIFICATION

Part Number	DNK 356073
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

1 YEAR WARRANTY



Item	Parameter (mm)
T	3
W	60
M	10
L	73
L_1	75
BL	75 ± 1
CL	100

ENVIRONMENTAL SPECIFICATIONS

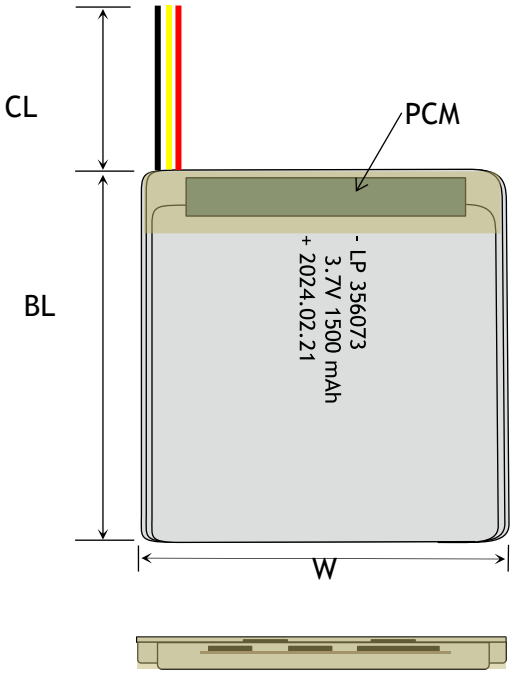
Charging Temperature Range	0 - 45°C
Discharging Temperature Range	-20 - 60°C
Storage Period 1 Week	-20 - 45°C
Storage Period 1 Month	-10 - 45°C
Storage Period 6 Months	0 - 35°C

BATTERY PROTECTION

Over Charge	4.275 ± 50mV
Over Discharge	2.5V ± 50mV
Over Current	3A to 5A
Short Circuit	Yes

MECHANICAL SPECIFICATIONS

Dimensions	75x 60 x 3 mm(L*W*T)
Weight	Around 25 g
Battery Terminals	WC/ FL *

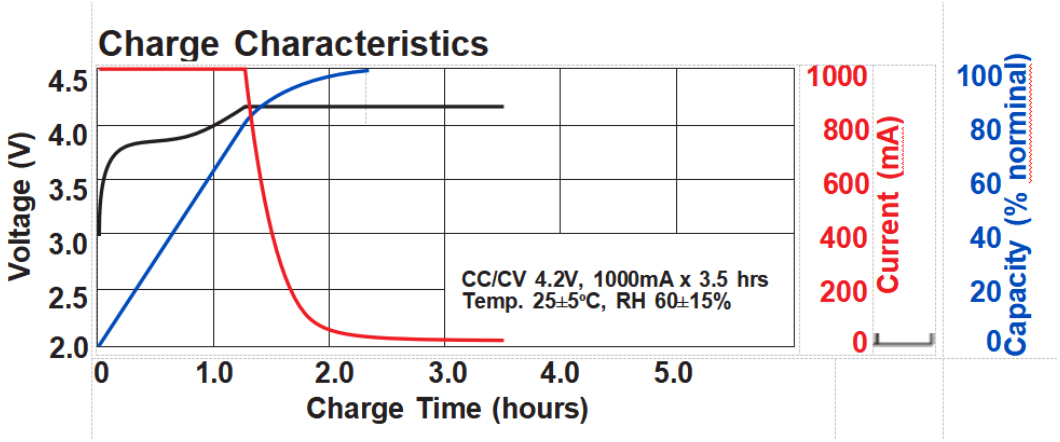


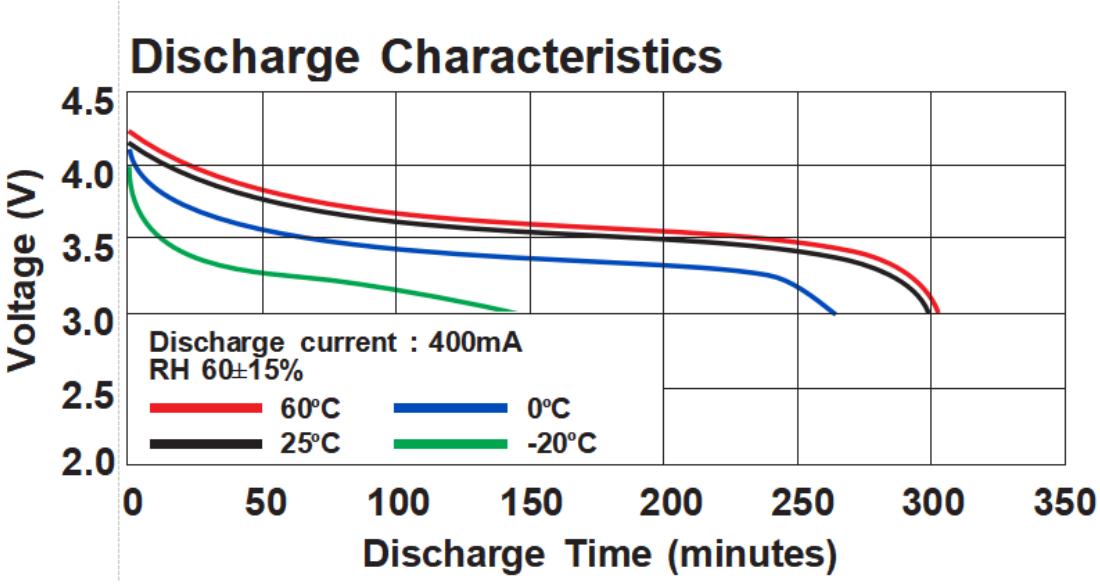
CERTIFICATION

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

- Avoid storing the battery in a hot environment.
- Do not approach the cell until it reaches room temperature. The cell temperature can be checked using a remote device (i.e. infrared thermometer).
- Obtain container to safely transport LiPo batteries between the labs and use locations. Remove from vehicle once at the destination.
- Never directly connect the terminals with metal objects. This will short-circuit Batteries, resulting in heat and electrical discharge.
- Avoid placing the battery in a damp environment.
- Connecting the LiPo Battery to the Charger (Read the Charger Instructions)
- Never discharge Batteries to voltage below which they are rated by the manufacturer when measured under load(connected to the vehicle or a charger capable of discharge). Batteries discharged to a voltage lower than the lowest approved voltage may be damaged, resulting in loss of performance and potential fire when batteries are charged.
- Store in fire protected, separate areas.
- Do not use unsuitable battery cover materials.
- The battery must be protected from physical contact with any other part of the model.
- 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.