3.7V Lithium Polymer Battery Data Sheet

Model: 356883

Please Find More:

https://www.fpbattery.com/3-7v-2000mah-lithium-polymer-battery/

File Number: A/FP6883-6885

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/

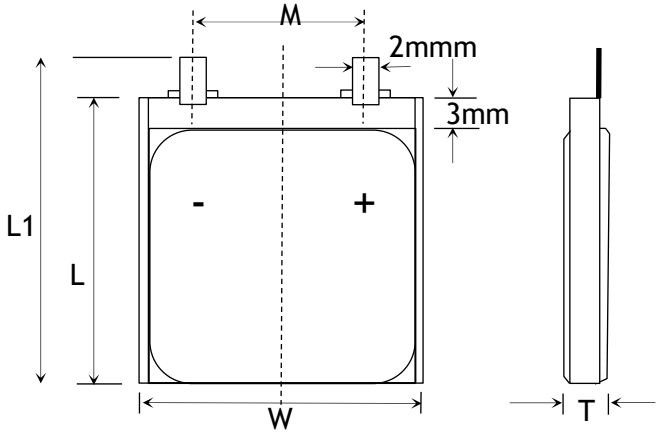
DNK POWER COMPANY LIMITED

BATTERY SPECIFICATION

Part Number	DNK 356883
Nominal Voltage	3.7 V
Nominal Capacity	2000 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	68
M	10
L	83
L_1	85
BL	85 ± 1
CL	100

ENVIRONMENTAL SPECIFICATIONS

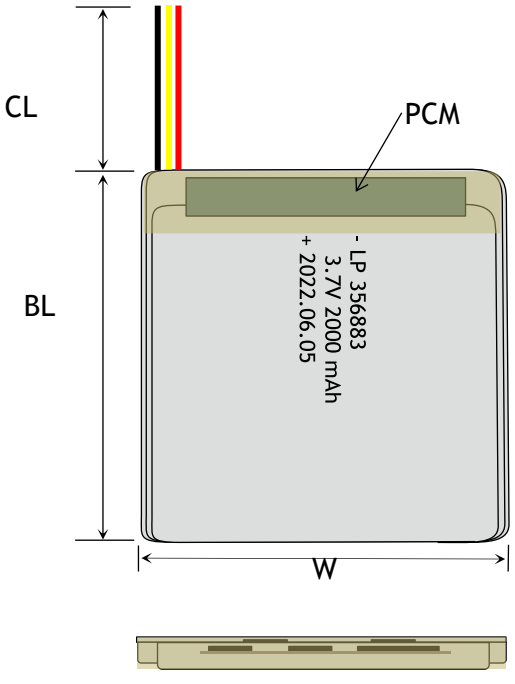
Charging Temperature Range	0 - 45°C
Discharging Temperature Range	-20 - 60°C
Storage Period 1 Week	-20 - 45°C
Storage Period 1 Month	-10 - 45°C
Storage Period 6 Months	0 - 35°C

BATTERY PROTECTION

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

MECHANICAL SPECIFICATIONS

Dimensions	85x 68 x 3 mm(L*W*T)
Weight	Around 33 g
Battery Terminals	WC/ FL *

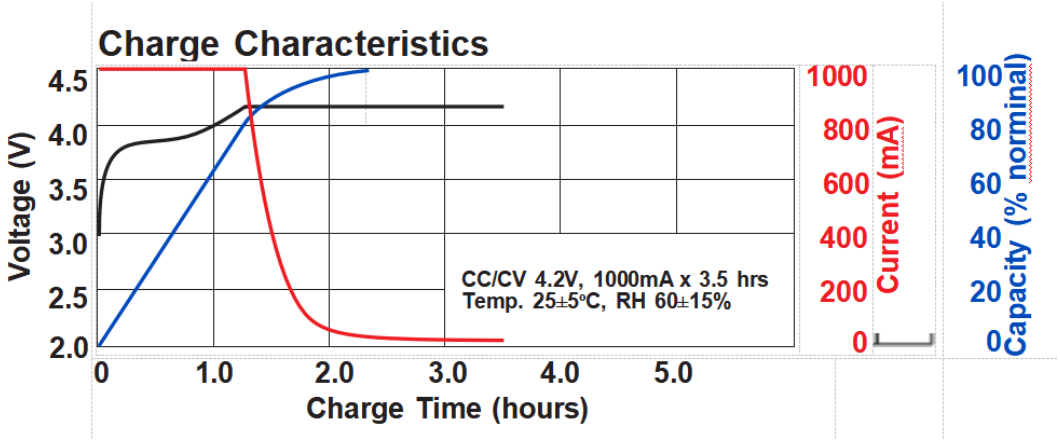


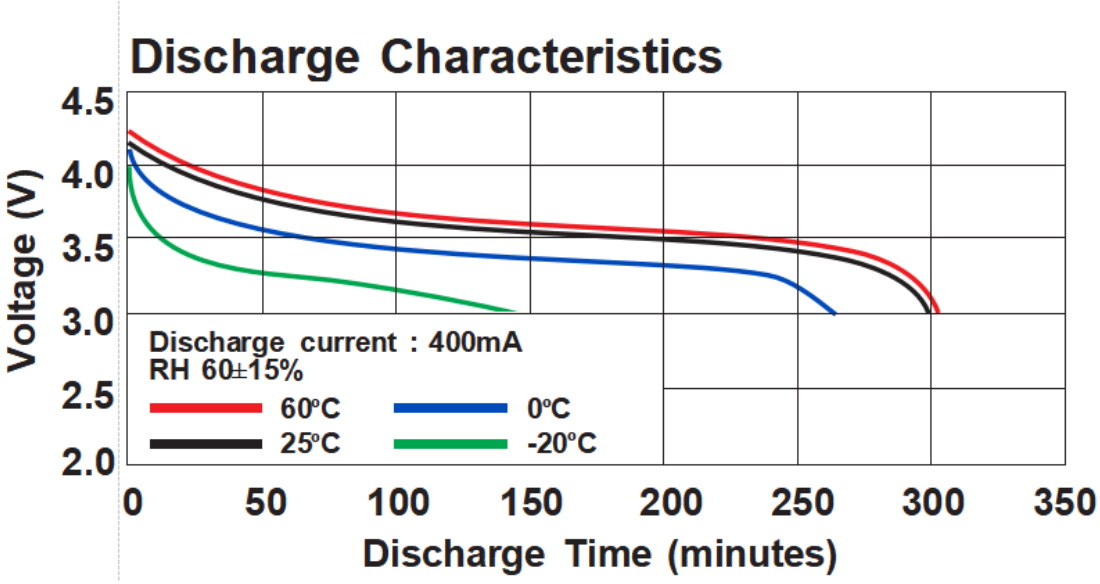
CERTIFICATION

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 prolonged use of higher power devices.
- Store it in a fire-proof container in a cool dry place.
- Store behind a fire door and where a fire alarm is situated.
- Never charge a lithium polymer battery pack that has been punctured or damaged in a crash.
- Avoid using the device for a long time in a hot environment.
- Do not submit to static electricity risks tAVOID damages to the Protecting Circuit Board.
- Do not store batteries with metal.
- Always guard against any possible short circuit.
- AVOID storing bulk quantities of Li-Ion or LiPo batteries.
- NEVER alter or disassemble a Lipo battery.
- ALWAYS visually inspect stored Li-Ion and LiPo batteries, at a minimum, weekly.