3.7V Lithium Polymer Battery Data Sheet

Model: 356782

Please Find More:

https://www.fpbattery.com/3-7v-1800mah-lithium-polymer-battery/

File Number: A/FP6782-6951

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/

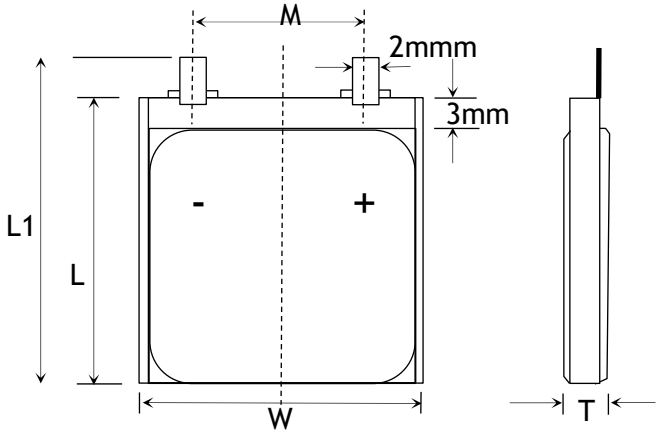
DNK POWER COMPANY LIMITED

BATTERY SPECIFICATION

Part Number	DNK 356782
Nominal Voltage	3.7 V
Nominal Capacity	1900 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	67
M	10
L	82
L_1	84
BL	84 ± 1
CL	100

ENVIRONMENTAL SPECIFICATIONS

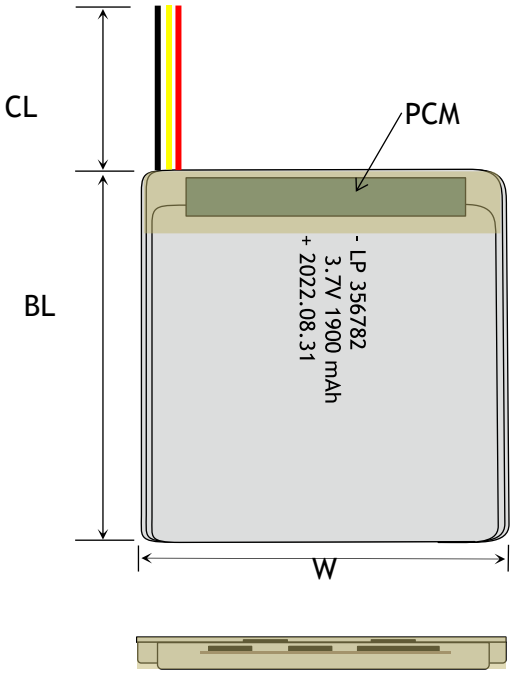
Charging Temperature Range	0 - 45°C
Discharging Temperature Range	-20 - 60°C
Storage Period 1 Week	-20 - 45°C
Storage Period 1 Month	-10 - 45°C
Storage Period 6 Months	0 - 35°C

BATTERY PROTECTION

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

MECHANICAL SPECIFICATIONS

Dimensions	84x 67 x 3 mm(L*W*T)
Weight	Around 31 g
Battery Terminals	WC/ FL *

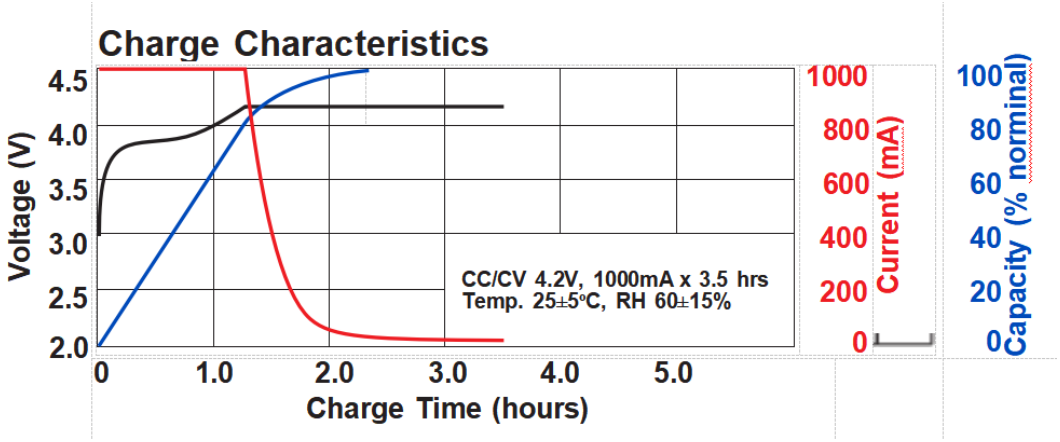


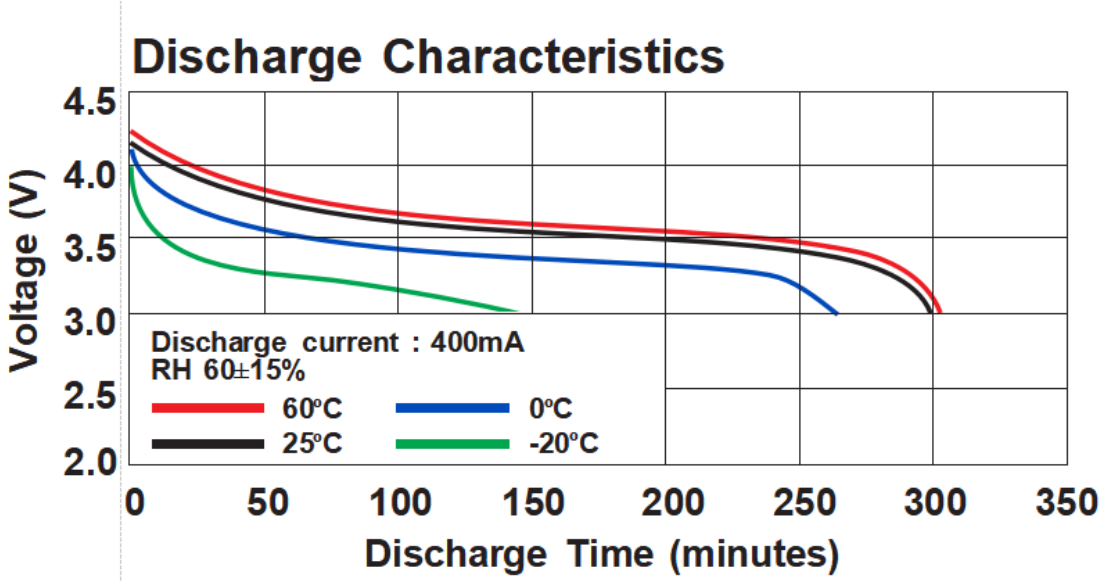
CERTIFICATION

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 cells shall never be soaked with liquids such as water, seawater drinks such as soft drinks, juices coffee or others.
- Never keep sharp objects near Lipos. This may cause a hole in the pack and can lead to a fire.
- The battery and all electrical connections must be protected against splashing liquids. Electrical cables and connectors must be protected against accidental tearing.
- Store behind a fire door and where a fire alarm is situated.
- If the battery swells during charging, stop charging immediately and disconnect the battery from the charger. Leave the battery outside for a few hours and observe.
- AVOID storing bulk quantities of Li-Ion or LiPo batteries.
- Do not charge Lipo batteries inside a car. Do not charge Lipo batteries inside a RC model.
- Manually check the temperature of your LiPo battery pack constantly during charging. LiPo cells should never rise above ambient temperature when being charged.
- Check and double check that you have set the correct voltage/number of cells and the maximum current does not exceed the stated charge rate (normally 1C). If using an automatic charger, check that it has detected the correct number of cells. Check it again through every stage of charging.
- All batteries should be stored, charged and used in accordance with the manufacturer's instructions.
- Always use a proper balance discharger when discharging your batteries