3.7V Lithium Polymer Battery Data Sheet

Model: 357080

Please Find More:

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

File Number: A/FP7080-5095

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

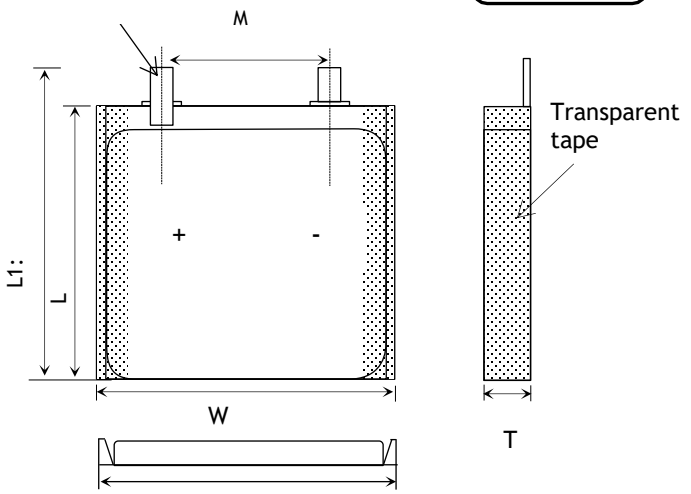
BATTERY SPECIFICATION

Part Number	DNK 357080
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

Inflex and soler



Item	Parameter (mm)
T	3
W	70
M	10
L	80
L_1	82
BL	82 ± 1
CL	100

ENVIRONMENTAL SPECIFICATIONS

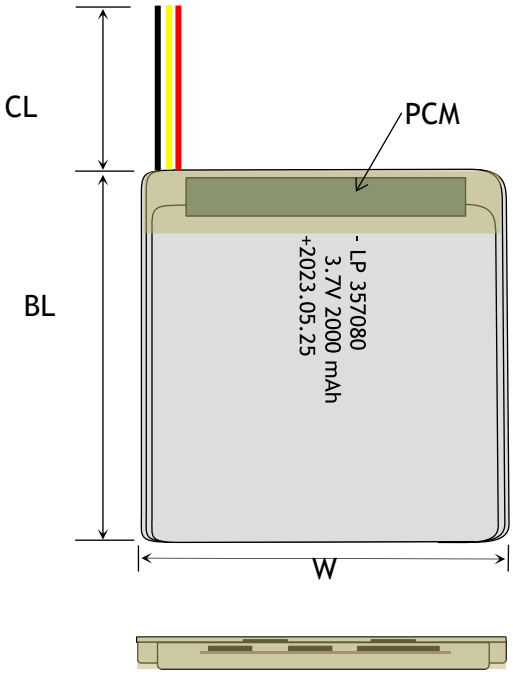
Charging Temperature Range	0 - 45°C
Discharging Temperature Range	-20 - 60°C
Storage Period 1 Week	-20 - 45°C
Storage Period 1 Month	-10 - 45°C
Storage Period 6 Months	0 - 35°C

BATTERY PROTECTION

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

MECHANICAL SPECIFICATIONS

Dimensions	82x 70 x 3 mm(L*W*T)
Weight	Around 33 g
Battery Terminals	WC/ FL *



CERTIFICATION

Certification Approval	PLEASE CONSULT SALES

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

BULK PRODUCTION ACTUAL PICTURES



BARE CELL (BC)



FLYING LEADS (FL)



WITH CONNECTOR (WC)



BLUE WRAPPED PVC (UWP)



BLACK WRAPPED PVC (BWP)

3.7V LIPO BATTERY OPTIONS



Special Ingredients to make batteries work from -40 -85 ° C



Discharging Current up to 100C



Popular JST,Molex,Hirose,Anderson available



LED Power Indicator

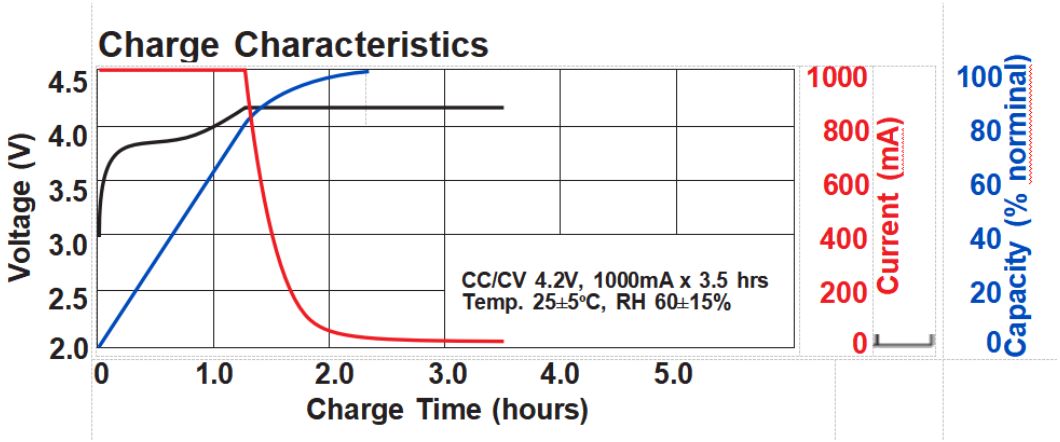


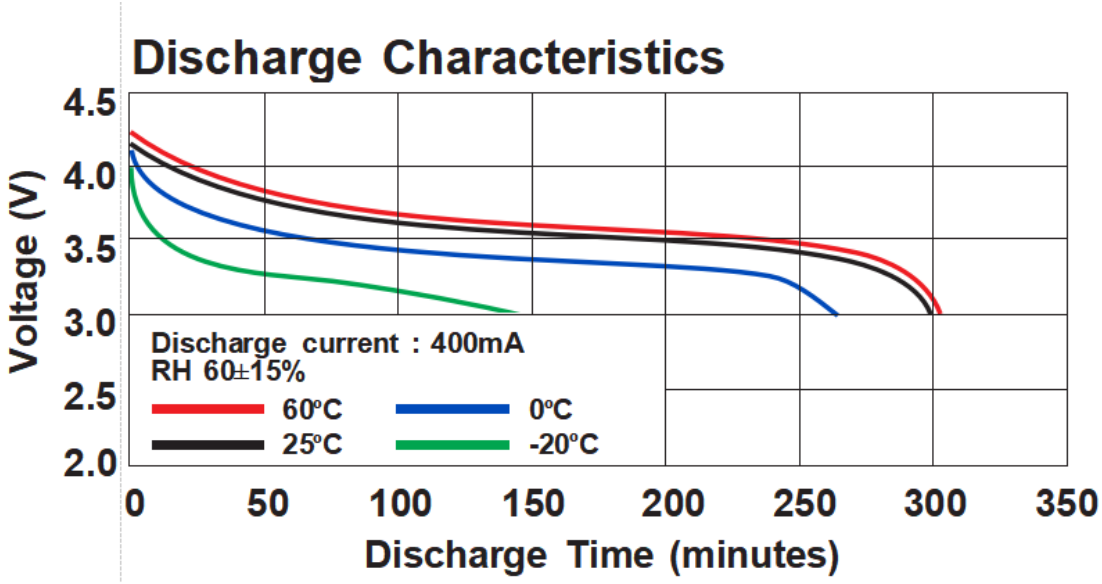
Power Button



Upgrade to LifePo4 tech and life circle up to 1500

RELATIVE CURVES





ANNOUNCEMENT

- Always disconnect and remove LiPo batteries from your model when not in use. Store LiPo batteries in an airtight and flame-resistant container when not in use.
- Use the included charge lead (if applicable) for charging purposes only! DO NOT use the harness as a power adapter. Use of the charging harness as a power adapter may result in overheating of the battery connection resulting in melting of the plastic battery case.
- If the battery develops an abnormal condition, stop using it immediately.
- LiPo safe bags help contain heat and flames that results if a Li-Ion battery combusts during charging or while in storage.
- Do not use water to extinguish a buttery fire Use a Class ABC dry fire extinguisher.
- Always disconnect and remove LiPo batteries from your model when not in use. Store LiPo batteries in an airtight and flame-resistant container when not in use.
- Use the charger program to charge the LiPo batteries, never use any other program.
- Never charge a LiPo battery on a wooden or other combustible (carpeted) surface. Always charge LiPo batteries on surfaces made of cement, steel, ceramic or stone.
- Do not expose the battery to high temperatures to avoid overheating.
- Never charge a LiPo pack that has ballooned or swelled due to over/under charging or from a crash.
- Always charge the LiPo battery outdoors or in a ventilated area away from flammable objects and surfaces.