3.7V Lithium Polymer Battery Data Sheet

Model: 354753

Please Find More:

https://www.fpbattery.com/3-7v-800mah-lithium-polymer-battery/

File Number: A/FP4753-4800

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

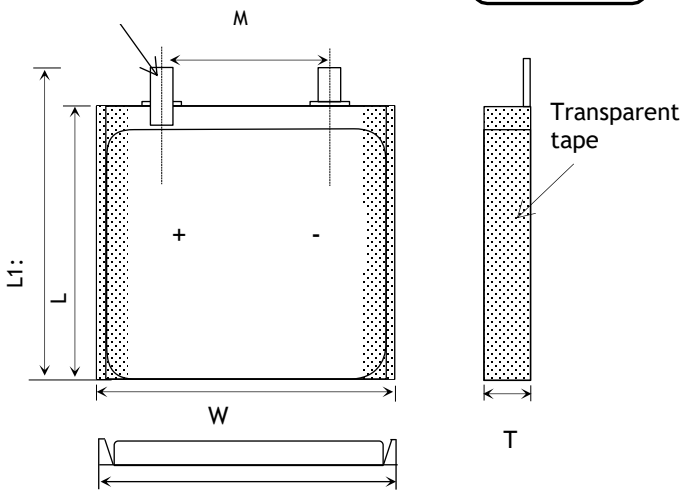
BATTERY SPECIFICATION

Part Number	DNK 354753
Nominal Voltage	3.7 V
Nominal Capacity	870 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



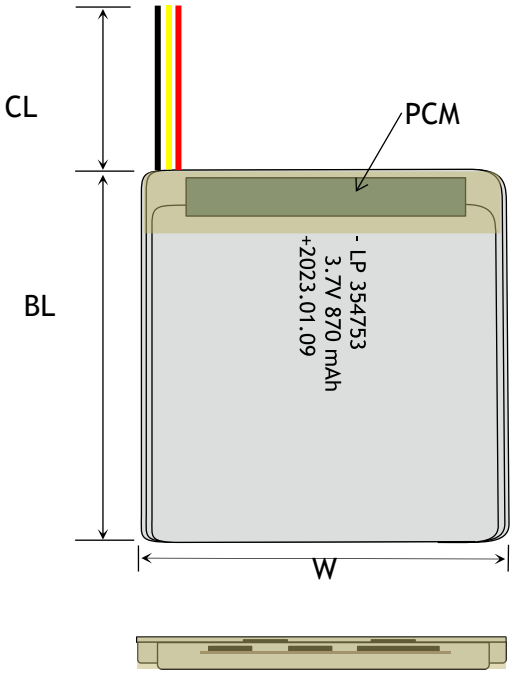
Item	Parameter (mm)
T	3
W	47
M	10
L	53
L_1	55
BL	55 ± 1
CL	100

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	55x 47 x 3 mm(L*W*T)
Weight	Around 14 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

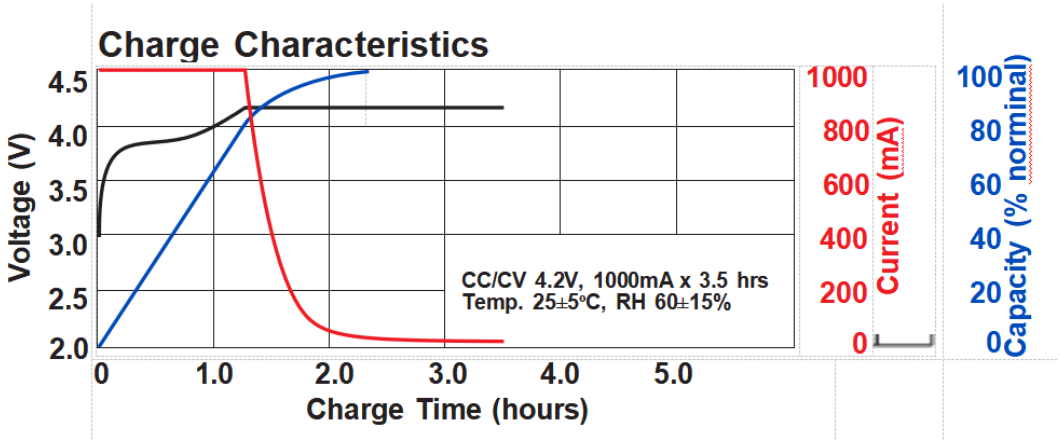


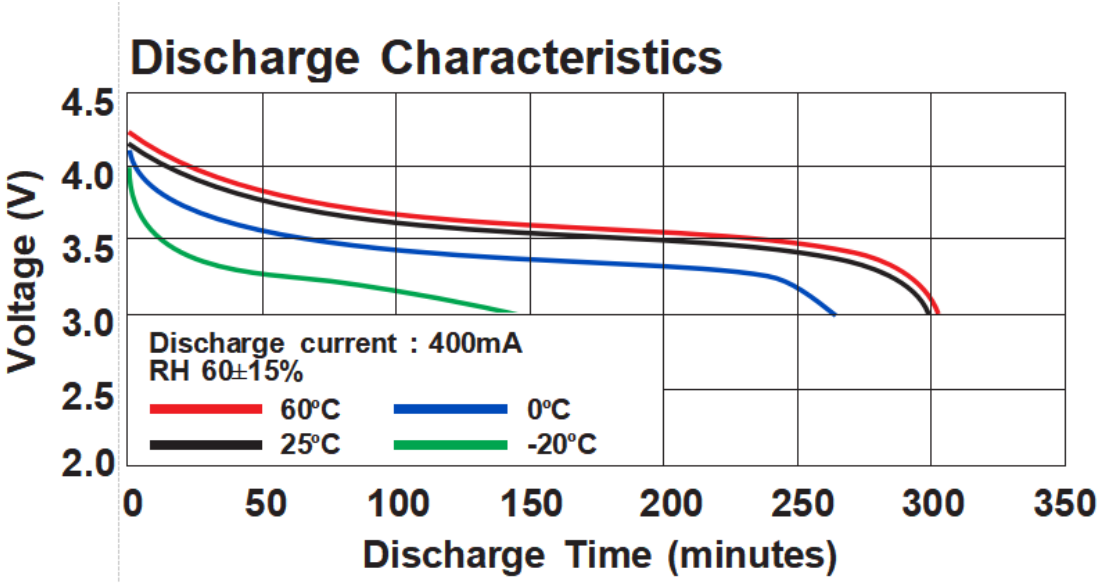
Power Button



Upgrade to LifePo4 tech and life circle up to 1500

RELATIVE CURVES





ANNOUNCEMENT

- Always set the charger to proper cell count and/or voltage listed on Batteries' labels.
- Always charge/store Batteries in a non-conductive, fire-proof container or bag.
- Dedicate a battery storage area free of combustible materials.
- Do not crush or bend the battery.
- Do not mix batteries of different models or capacities.
- AVOID storing bulk quantities of Li-Ion or LiPo batteries.
- Remove Li-Ion powered devices and batteries from the charger once they are fully charged.
- Batteries should not be carried in pockets as coins, keys and similar metal items can cause shorting leading to overheating, burns or ignition.
- Always balance charge batteries using the charger's balance charging option. Otherwise, an unbalanced cell may become over charged. This will reduce the life of the battery, and possibly cause a fire which could result in personal injury and property damage.
- Never charge a battery that is still warm after usage, and never use a battery that is still warm from charging.
- Never put LiPo batteries or battery packs in pockets, drawers or bags where they might make contact with something made of metal. This can cause a short circuit.