3.7V Lithium Polymer Battery Data Sheet

Model: 307376

Please Find More:

https://www.fpbattery.com/3-7v-1700mah-lithium-polymer-battery/

File Number: A/FP7376-2880

File Version: 01

CONTACT

CUSTOMER SERVICE
86.755.3682.7358
sales@fpbattery.com
Hours of Operation:
9:00am-6:00pm CST, Monday to Friday

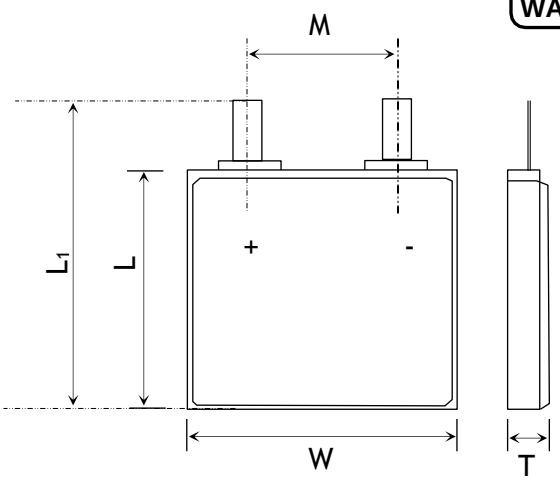
LEARN MORE ON:
https://www.fpbattery.com/

DNK POWER COMPANY LIMITED

BATTERY SPECIFICATION

Part Number	DNK 307376
Nominal Voltage	3.7 V
Nominal Capacity	1700 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 YEAR WARRANTY



Item	Parameter (mm)
T	3
W	73
M	10
L	76
L_1	78
BL	78 ± 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

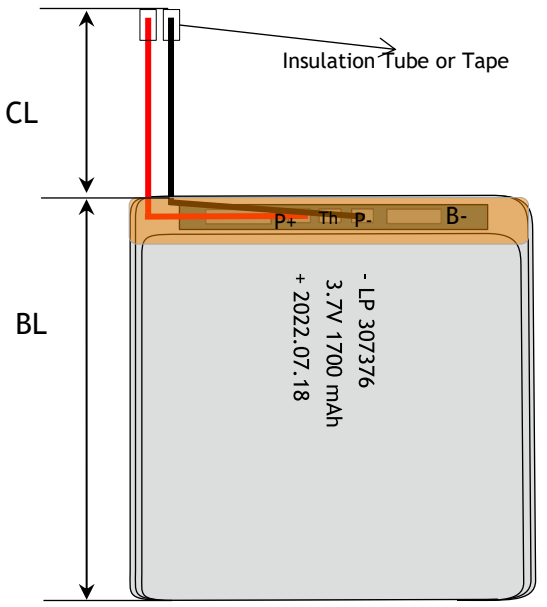
MECHANICAL SPECIFICATIONS

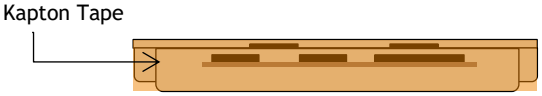
Dimensions	78x 73 x 3 mm(L*W*T)
Weight	Around 28 g
Battery Terminals	WC/ FL *

CERTIFICATION

Certification Approval	PLEASE CONSULT SALES

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





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

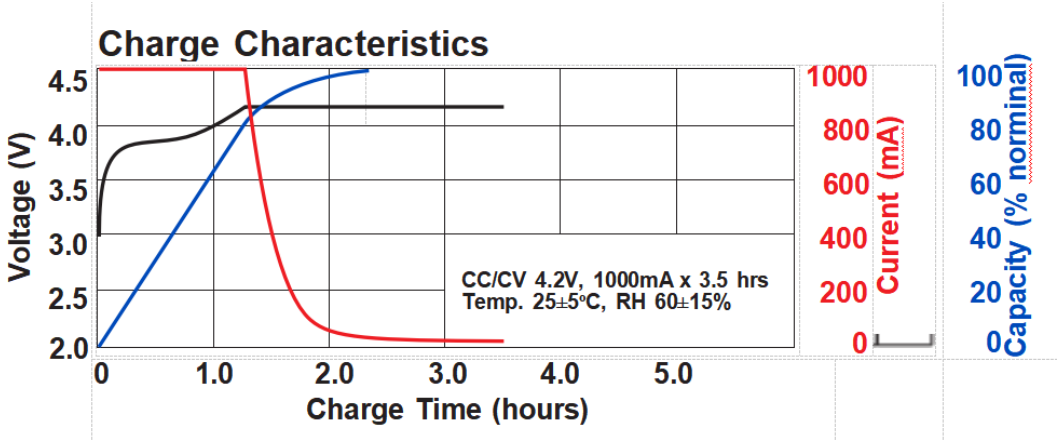
Popular JST,Molex,Hirose,Anderson available

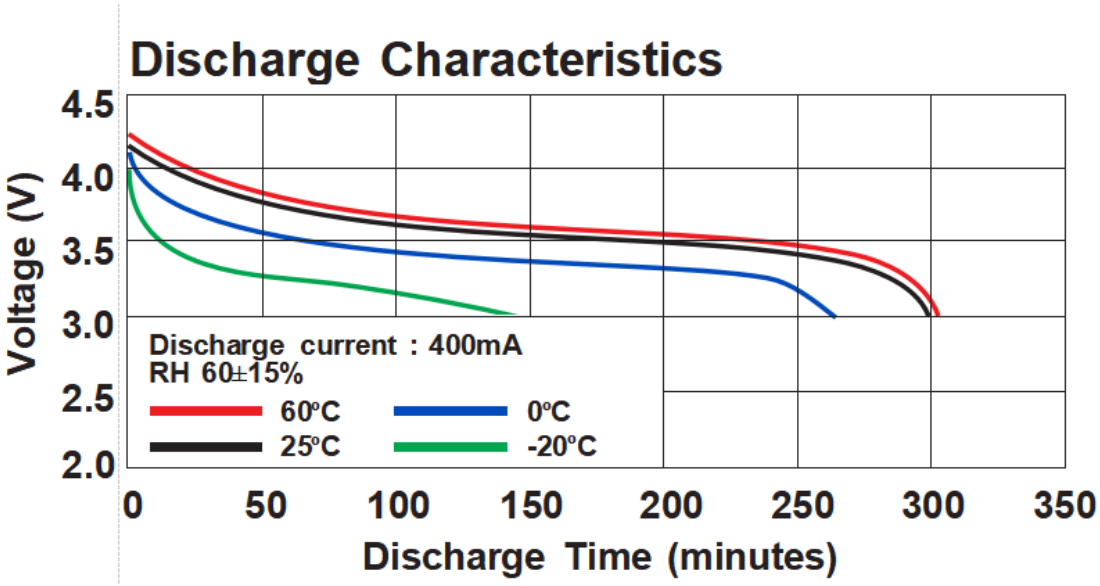
LED Power Indicator

Power Button

Upgrade to LifePo4 tech and life circle up to 1500

RELATIVE CURVES





ANNOUNCEMENT

- Do not use batteries with physical damage, such as dented, cracked or leaking batteries.
- Insulate all battery terminals on batteries to be disposed of.
- In premises that also provide sleeping accommodation, serious consideration should be given, wherever practicable, to using timers to control socket outlets used for charging equipment
- Never remove the battery from its protective plastic case.
- Ensure that you purchase the right type and size of battery that matches the requirements of your equipment.
- Avoid using chargers with long charging times.
- Store it in a fire-proof container in a cool dry place.
- Ensure that you choose a regular and reputable supplier before purchasing.
- If you start seeing any physical changes to the battery while discharging example puffing, STOP charging immediately and dispose of the battery responsibly.
- Obtain container to safely transport LiPo batteries between the labs and use locations. Remove from vehicle once at the destination.
- ALWAYS constantly supervise LiPo batteries on charge and NEVER LEAVE UNATTENDED.