3.7V Lithium Polymer Battery Data Sheet

Model: 353679

Please Find More:

https://www.fpbattery.com/3-7v-900mah-lithium-polymer-battery/

File Number: A/FP3679-20433

File Version: 01

CONTACT

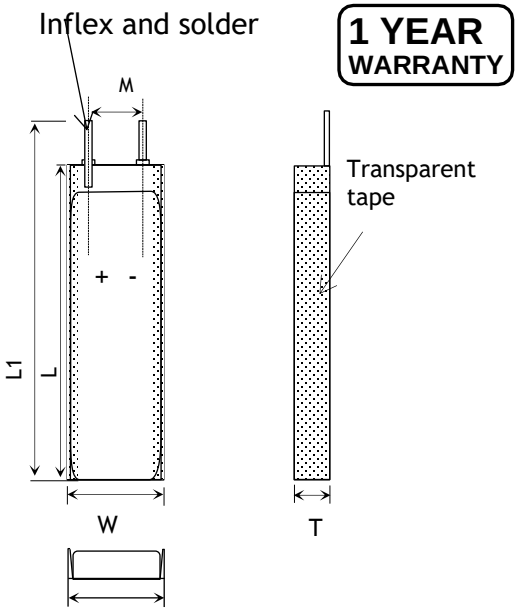
CUSTOMER SERVICE
86.755.3682.7358
sales@fpbattery.com
Hours of Operation:
9:00am-6:00pm CST, Monday to Friday

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

DNK POWER COMPANY LIMITED

BATTERY SPECIFICATION

Part Number	DNK 353679
Nominal Voltage	3.7 V
Nominal Capacity	995 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)



Item	Parameter (mm)
T	3
W	36
M	10
L	79
L_1	81
BL	81 ± 1
CL	100

ENVIRONMENTAL SPECIFICATIONS

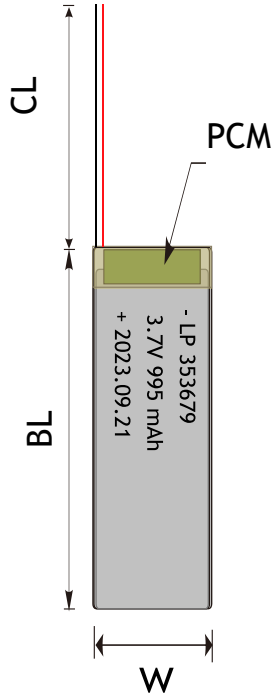
Charging Temperature Range	0 - 45°C
Discharging Temperature Range	-20 - 60°C
Storage Period 1 Week	-20 - 45°C
Storage Period 1 Month	-10 - 45°C
Storage Period 6 Months	0 - 35°C

BATTERY PROTECTION

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

MECHANICAL SPECIFICATIONS

Dimensions	81x 36 x 3 mm(L*W*T)
Weight	16 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

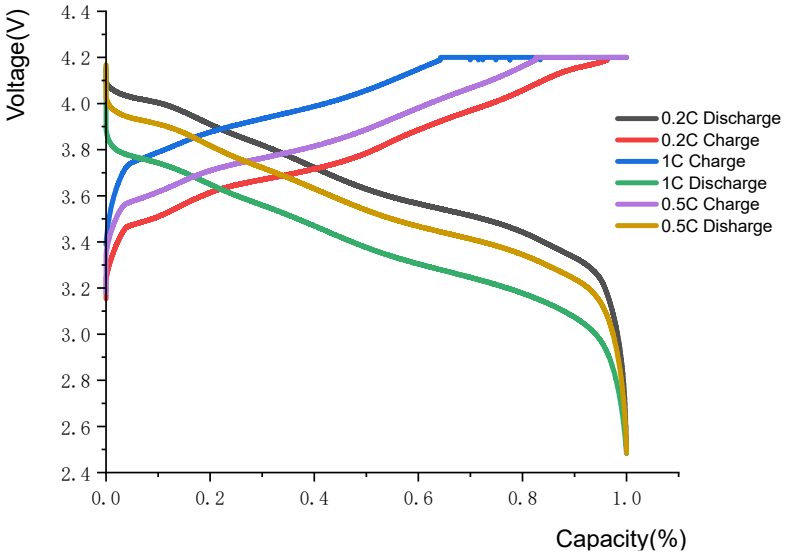


Power Button

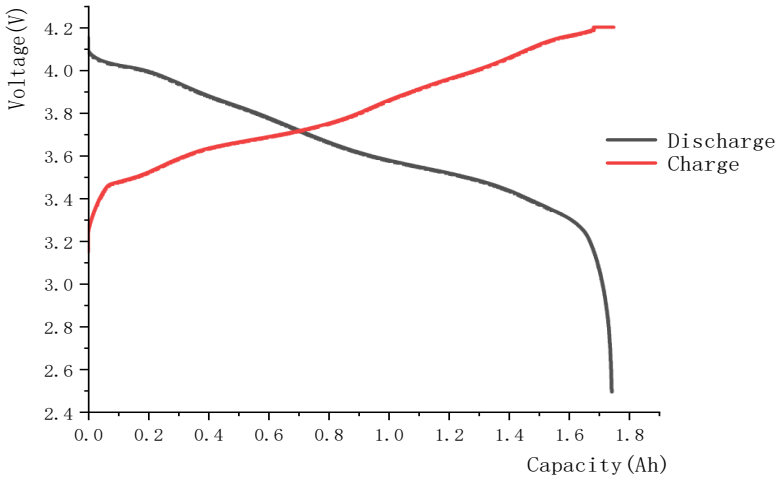


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Charge & Discharge Characteriestics in different Rate@25℃



Discharge VS Charge Characteristics Curve@0.2C 25℃



RELATIVE CURVES

ANNOUNCEMENT

- 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.
- Intact batteries can be disposed of as Universal Waste. If the battery is greater than 9V, tape the terminals before disposal.
- Do not charge hot cells after use. Warm cells are OK. Always let hot cells cool before charging.
- Avoid prolonged exposure to high temperatures
- Do not throw the battery in a fire.
- Always store LiPo pack in a safe and nonGcombustible container away from flammable/combustible materials.
- Do not apply excessive mechanical stress to the battery.
- Before starting work, if you are designing wearables using lithium-ion batteries, make sure they are easily removeable if they start to react while being worn.
- If the electrolyte in the cells gets on your skin, wash the area thoroughly with soap and water. If it gets in your eyes, rinse at emergency eyewash station for 15 minutes with cool water and seek immediate medical attention.
- Use lithium battery safety bags/containers during charging.
- Avoid dropping batteries, dropping Lipos can cause the battery cell to crush causing an internal short which may lead to fire.