3.7V Lithium Polymer Battery Data Sheet

Model: 354366

Please Find More:

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

File Number: A/FP4366-12813

File Version: 01

CONTACT

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

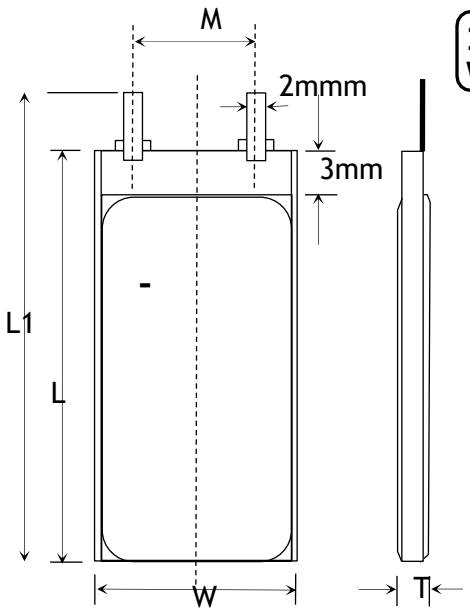
LEARN MORE ON:
https://www.fpbattery.com/

DNK POWER COMPANY LIMITED

BATTERY SPECIFICATION

Part Number	DNK 354366
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)

1



1 YEAR WARRANTY

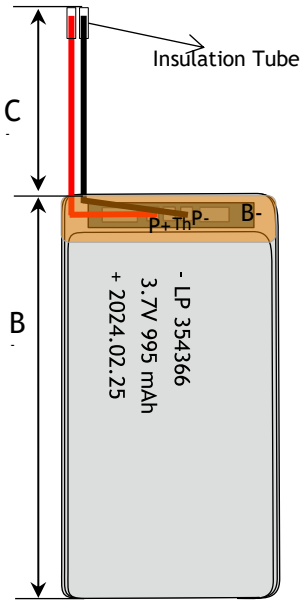
Item	Parameter (mm)
T	3
W	43
M	10
L	66
L_1	68
BL	68 ± 1
CL	100

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

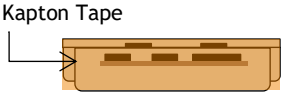
BATTERY PROTECTION

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



MECHANICAL SPECIFICATIONS

Dimensions	68x 43 x 3 mm(L*W*T)
Weight	Around 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



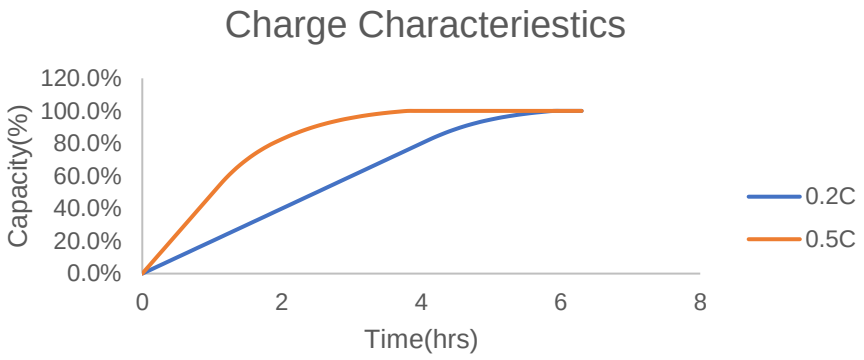


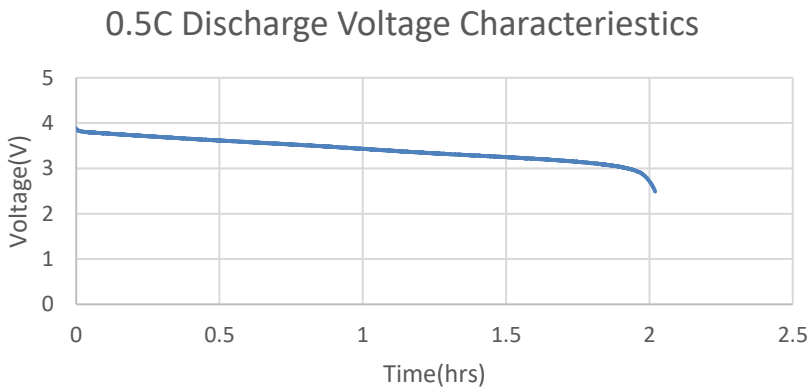
LED Power Indicator



Power Button

RELATIVE CURVES





ANNOUNCEMENT

- ALWAYS use the "Balance Charge" setting on your charger. If your charger does not have this feature then don't use it and invest in one that does.
- For thermal runaway/fire, activate fire alarm, evacuate, contact public safety.
- If any of the individual cells become warm/hot compared to the other cells, disconnect it immediately and either cover it with a fire blanket, or put it in a non-conductive container and place it outside away from all flammable objects for at least 30 minutes as chemical reactions can take this long before a fire starts.
- Never, under ANY circumstances let the positive and negative battery leads touchThis can lead to cell ballooning, cell damage, fire or an explosion. If you notice your LiPo battery pack is If necessary, put the battery in a non-combustible bucket or container and observe it for 15 minutes . swelling, disconnect the charging device immediately.
- Avoid placing the battery in a damp environment.
- Always check that batteries are physically and electrically undamaged before charging or discharging.
- Avoid frequent charging and discharging on the way to using the battery.
- Only ever use a charger specifically designed to charge Lithium Polymer cells. Failure to do so may a cause fire, which may result in personal injury and/or property damage.
- When using the charger, please monitor the temperature of the charger.
- NEVER charge a Li-ion or LiPo battery overnight and unattended.
- Never charge batteries unattended.