3.7V Lithium Polymer Battery Data Sheet

Model: 453452

Please Find More:

https://www.fpbattery.com/3-7v-750mah-lithium-polymer-battery/

File Number: A/FP3452-12656

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/

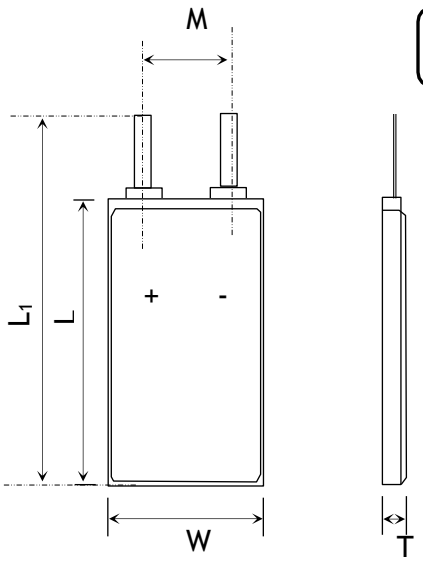
DNK POWER COMPANY LIMITED

BATTERY SPECIFICATION

Part Number	DNK 453452
Nominal Voltage	3.7 V
Nominal Capacity	795 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	4
W	34
M	10
L	52
L_1	54
BL	54 ± 1
CL	100

ENVIRONMENTAL SPECIFICATIONS

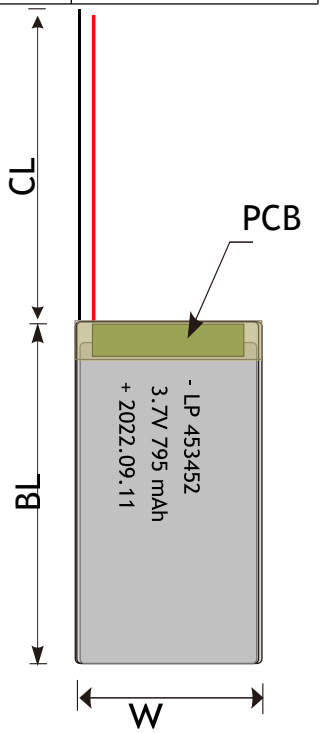
Charging Temperature Range	0 - 45°C
Discharging Temperature Range	-20 - 60°C
Storage Period 1 Week	-20 - 45°C
Storage Period 1 Month	-10 - 45°C
Storage Period 6 Months	0 - 35°C

BATTERY PROTECTION

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

MECHANICAL SPECIFICATIONS

Dimensions	54x 34 x 4 mm(L*W*T)
Weight	Around 13 g
Battery Terminals	WC/ FL *

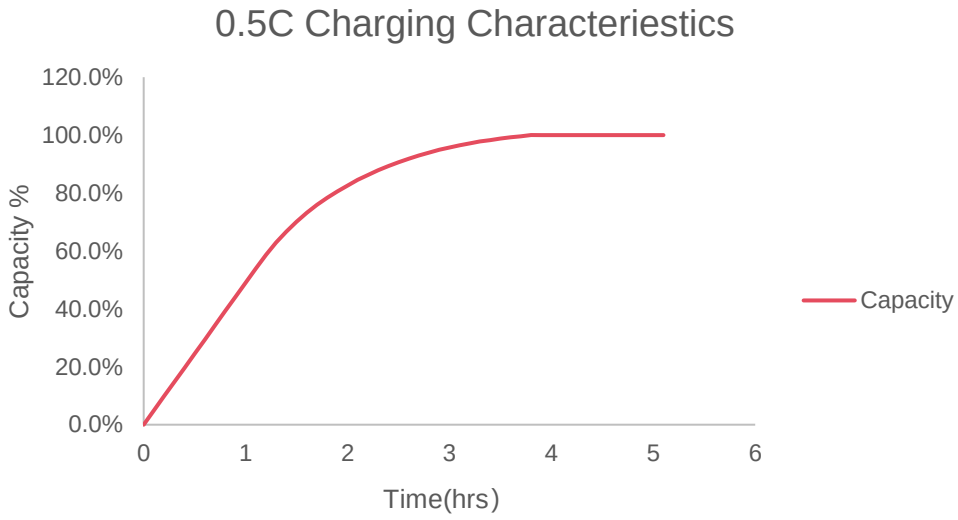


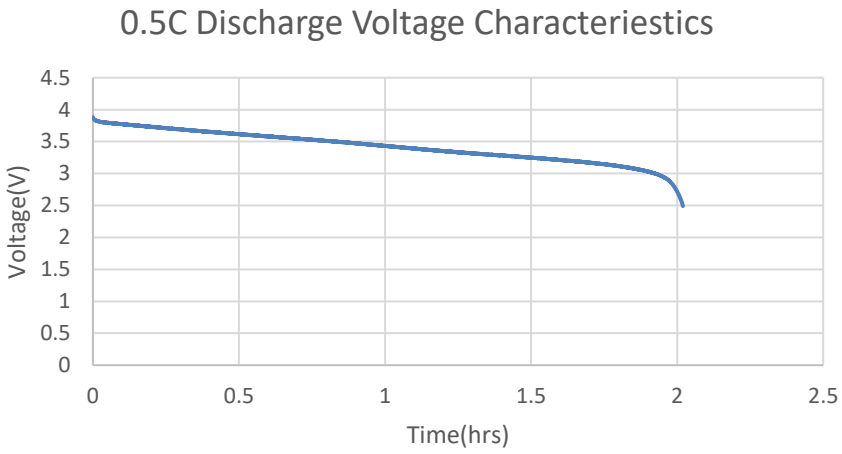
CERTIFICATION

Certification Approval	PLEASE CONSULT SALES

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

RELATIVE CURVES





ANNOUNCEMENT

- 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.
- Store LiPo batteries at correct voltage (around 3.8 volts).
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- Do not charge the battery without supervision.
- Have a class ABC or CO2 fire extinguisher nearby the storage area.
- Avoid physical damage and short circuiting.
- Pay attention to the positive and negative connections of the battery to ensure proper connection.
- Do not overcharge the battery and observe the charger and battery charge time instructions.
- NEVER leave E-bikes or other similar personal mobility devices unattended while charging.
- Avoid short-circuiting the battery. Though short-circuiting for short time will not damage the battery, doing so for a long time will damage the battery and may overheat the battery causing burns, fire or explosion.