3.7V Lithium Polymer Battery Data Sheet

Model: 303756

Please Find More:

https://www.fpbattery.com/3-7v-600mah-lithium-polymer-battery/

File Number: A/FP3756-12444

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/

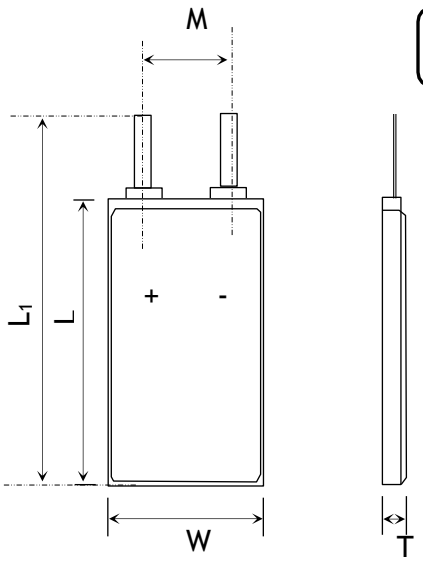
DNK POWER COMPANY LIMITED

BATTERY SPECIFICATION

Part Number	DNK 303756
Nominal Voltage	3.7 V
Nominal Capacity	620 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	37
M	10
L	56
L_1	58
BL	58 ± 1
CL	100

ENVIRONMENTAL SPECIFICATIONS

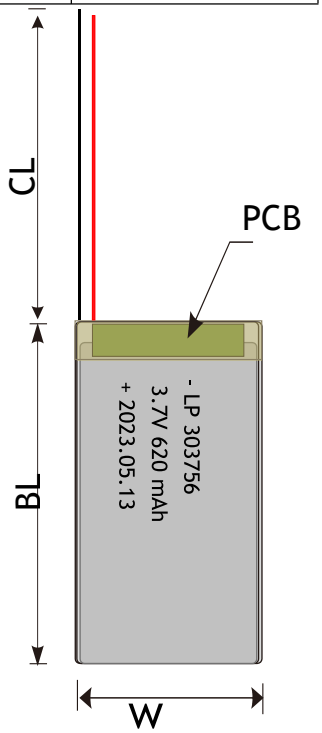
Charging Temperature Range	0 - 45°C
Discharging Temperature Range	-20 - 60°C
Storage Period 1 Week	-20 - 45°C
Storage Period 1 Month	-10 - 45°C
Storage Period 6 Months	0 - 35°C

BATTERY PROTECTION

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

MECHANICAL SPECIFICATIONS

Dimensions	58x 37 x 3 mm(L*W*T)
Weight	Around 10 g
Battery Terminals	WC/ FL *

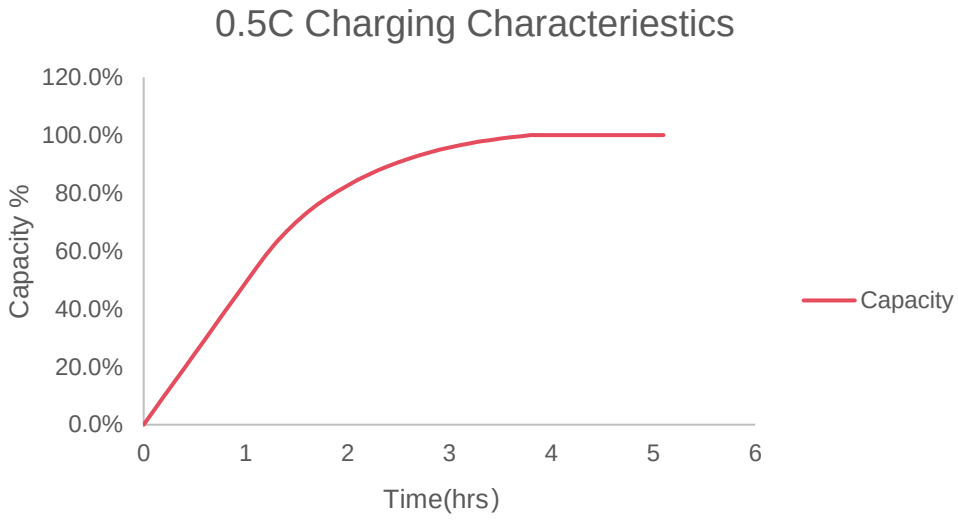


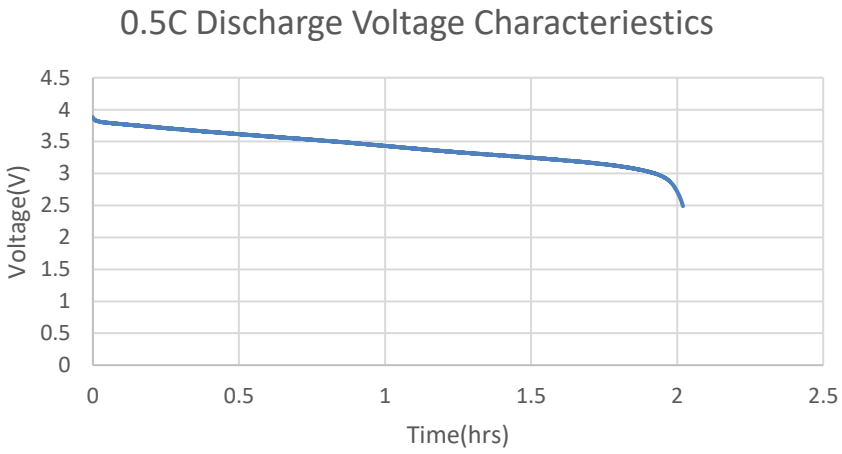
CERTIFICATION

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

- Charging with higher current than recommended value may cause damage to cell electrical, mechanical and safety performance and could lead to heat generation or leakage.
- If you notice hot cells, disconnect the charger and remove any external short circuit if present.
- ALWAYS provide information to the fire department on their arrival: room number or location of the fire and that Li-Ion or LiPo batteries are involved.
- Set up emergency battery isolation container.
- Ensure connectors are insulated correctly to prevent short circuit in handling or storage.
- Do not leave Lipo batteries unattended while charging.
- Do not apply excessive mechanical stress to the battery.
- Do not vibrate the battery excessively.
- A LiPo Sack or metal/ceramic storage container is safest. Always store your LiPo's partially charged so they maintain their performance levels overtime; there is no need to cycle them unless When storing batteries for extended periods, store at a half charged state. stored for periods longer than 36 months.
- All batteries should be stored, charged and used in accordance with the manufacturer's instructions.
- Never leave un-attended!