3.7V Lithium Polymer Battery Data Sheet

Model: 354668

Please Find More:

https://www.fpbattery.com/3-7v-1100mah-lithium-polymer-battery/

File Number: A/FP4668-11788

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/

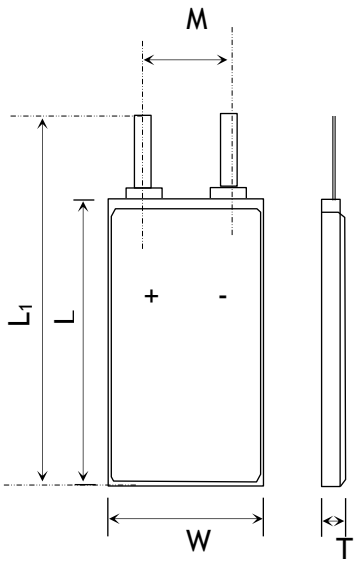
DNK POWER COMPANY LIMITED

BATTERY SPECIFICATION

Part Number	DNK 354668
Nominal Voltage	3.7 V
Nominal Capacity	1100 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	46
M	10
L	68
L_1	70
BL	70 ± 1
CL	100

ENVIRONMENTAL SPECIFICATIONS

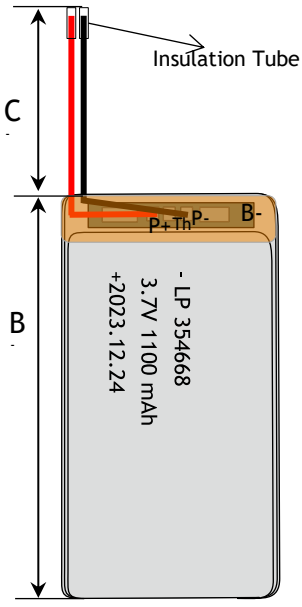
Charging Temperature Range	0 - 45°C
Discharging Temperature Range	-20 - 60°C
Storage Period 1 Week	-20 - 45°C
Storage Period 1 Month	-10 - 45°C
Storage Period 6 Months	0 - 35°C

BATTERY PROTECTION

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

MECHANICAL SPECIFICATIONS

Dimensions	70x 46 x 3 mm(L*W*T)
Weight	Around 18 g
Battery Terminals	WC/ FL *



Kapton Tape



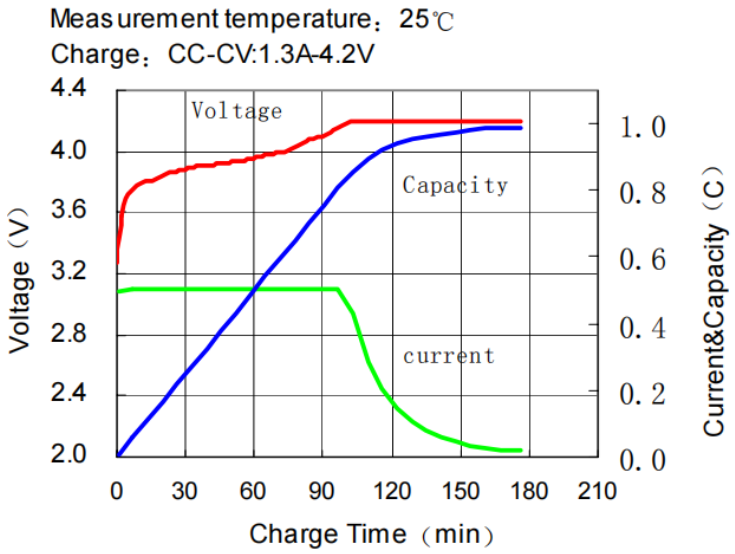
CERTIFICATION

Certification Approval	PLEASE CONSULT SALES

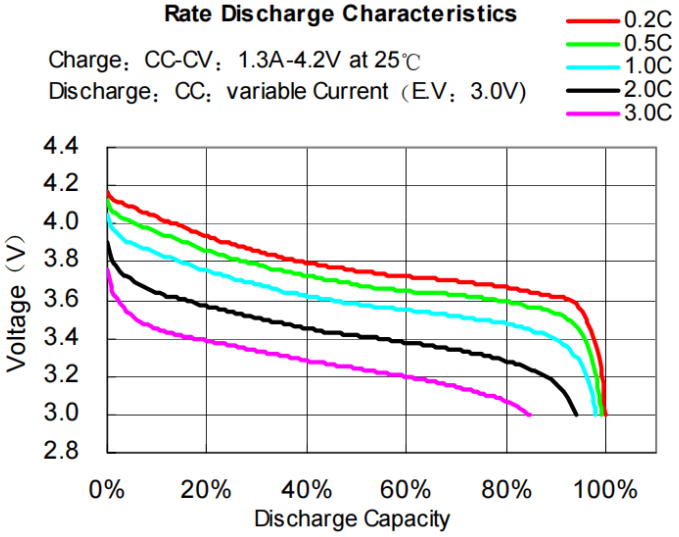
* WC=With Connector FL=Flying Leads UWP=Blue Wrapped PVC BWP=Black Wrapped PVC BC= Bare Cell

RELATIVE CURVES

Charge Characteristics



Rate Discharge Characteristics



ANNOUNCEMENT

- Charge at correct rate and proper voltage for either use or storage.
- Do not fully discharge your LiPo battery pack. Discharging a LiPo beyond it’s critical minimum voltage (often 3.0v) can cause damage to the battery.
- If you have dropped or damageda LiPo battery in anyway, do not attempt to charge it.
- Make sure the device is turned off before disconnecting the power.
- Never alter, puncture or impact Batteries or related components.
- Do not short the wires of your LiPo battery. This is very dangerous and can cause a fire or even an explosion. If you accidentally short the wires of your LiPo battery, either cover it with a fire blanket, or put it in a non-conductive fire-proof 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.
- Use recommended methods to make battery terminal connections.
- ALWAYS immediately disconnect the charging cord from the wall outlet if batteries or equipment develop heat/smoke, unusual odors, or show evidence of bulging (changes in shape or geometry).
- Always charge the LiPo battery outdoors or in a ventilated area away from flammable objects and surfaces.
- If the battery becomes hot, smokes, or becomes abnormal, stop using it immediately.
- Avoid prolonged use of the battery until depleted.