3.7V Lithium Polymer Battery Data Sheet

Model: 354676

Please Find More:

https://www.fpbattery.com/1200mah-lipo-battery/

File Number: A/FP4676-14792

File Version: 01

CONTACT

CUSTOMER SERVICE
86.755.3682.7358
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Hours of Operation:
9:00am-6:00pm CST, Monday to Friday

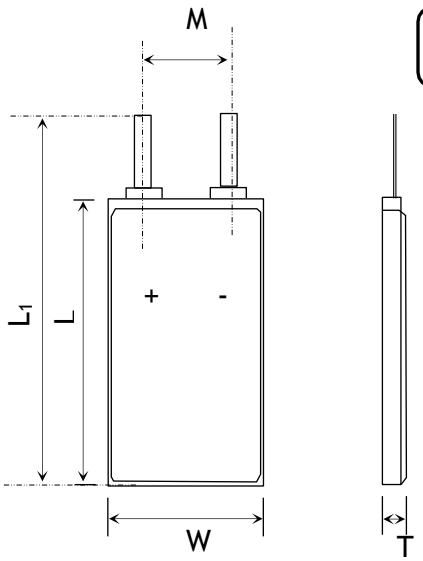
LEARN MORE ON:
https://www.fpbattery.com/

DNK POWER COMPANY LIMITED

BATTERY SPECIFICATION

Part Number	DNK 354676
Nominal Voltage	3.7 V
Nominal Capacity	1200 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 YEAR WARRANTY



Item	Parameter (mm)
T	3
W	46
M	10
L	76
L_1	78
BL	78 ± 1
CL	100

ENVIRONMENTAL SPECIFICATIONS

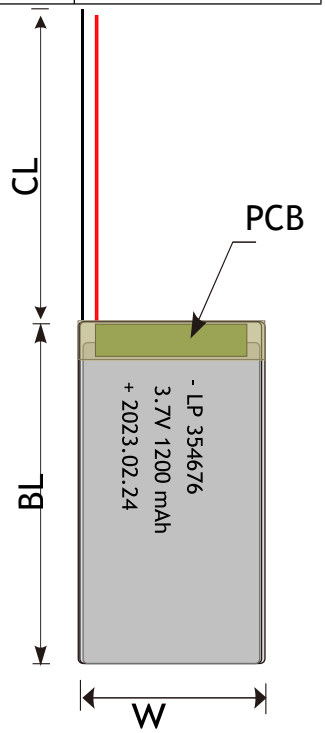
Charging Temperature Range	0 - 45°C
Discharging Temperature Range	-20 - 60°C
Storage Period 1 Week	-20 - 45°C
Storage Period 1 Month	-10 - 45°C
Storage Period 6 Months	0 - 35°C

BATTERY PROTECTION

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

MECHANICAL SPECIFICATIONS

Dimensions	78x 46 x 3 mm(L*W*T)
Weight	Around 20 g
Battery Terminals	WC/ FL *



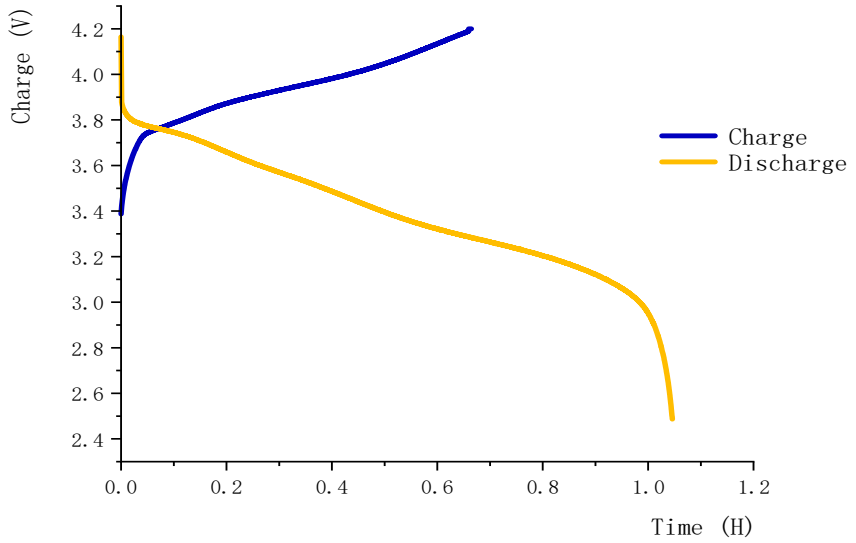
CERTIFICATION

Certification Approval	PLEASE CONSULT SALES

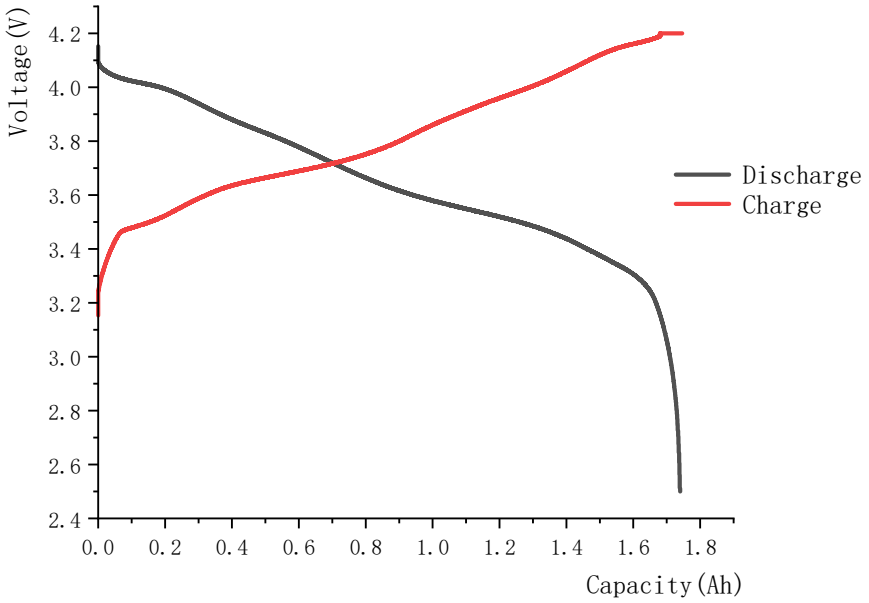
* WC=With Connector FL=Flying Leads UWP=Blue Wrapped PVC BWP=Black Wrapped PVC BC= Bare Cell

RELATIVE CURVES

Discharge Voltage VSCharge Voltage Characteristics Curve@1C,25℃



Discharge VS Charge Characteristics Curve@0.2C 25℃



ANNOUNCEMENT

- Do not allow charging to continue above 4.20V per cell. This is VERY important as a fire could result.
- Slow down the charging and discharging rate of the battery in low temperature environment.
- Never disassemble, modify, puncture, mechanically shock, or short circuit the battery. Leakage, smoke emission, ignition, explosion, or fire, which may result in personal injury and property damage, can occur.
- Do not over-discharge (3.2V per cell)
- Store Li-Ion batteries and devices in dry, cool locations and in fire-resistant containers.
- 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.
- The cells shall never be soaked with liquids such as water, seawater drinks such as soft drinks, juices coffee or others.
- Do not inhale the gasses of a damaged battery or ingest the contents. If you do accidentally swallow the contents of LiPo cells seek medical attention immediately.
- No charging should take place overnight.
- If a remote device is not available, do not handle the cell for a period of at least 24 hours.
- Set up emergency battery isolation container.