3.7V Lithium Polymer Battery Data Sheet

Model: 354875

Please Find More:

https://www.fpbattery.com/3-7v-1300mah-lithium-polymer-battery/

File Number: A/FP4875-13289

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/

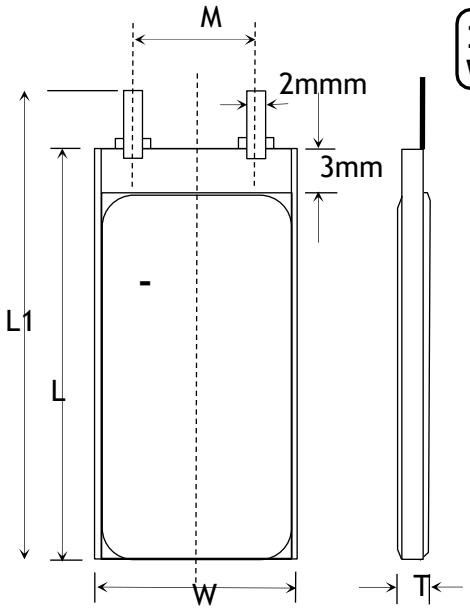
DNK POWER COMPANY LIMITED

BATTERY SPECIFICATION

Part Number	DNK 354875
Nominal Voltage	3.7 V
Nominal Capacity	1300 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	48
M	10
L	75
L_1	77
BL	77 ± 1
CL	100

ENVIRONMENTAL SPECIFICATIONS

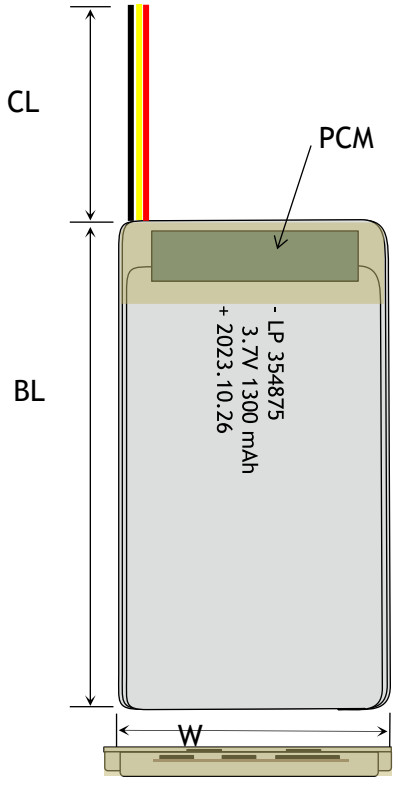
Charging Temperature Range	0 - 45°C
Discharging Temperature Range	-20 - 60°C
Storage Period 1 Week	-20 - 45°C
Storage Period 1 Month	-10 - 45°C
Storage Period 6 Months	0 - 35°C

BATTERY PROTECTION

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

MECHANICAL SPECIFICATIONS

Dimensions	77x 48 x 3 mm(L*W*T)
Weight	Around 21 g
Battery Terminals	WC/ FL *



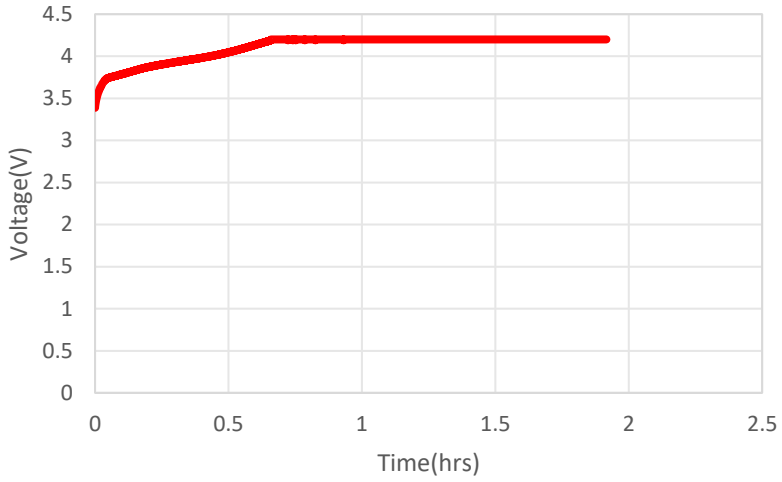
CERTIFICATION

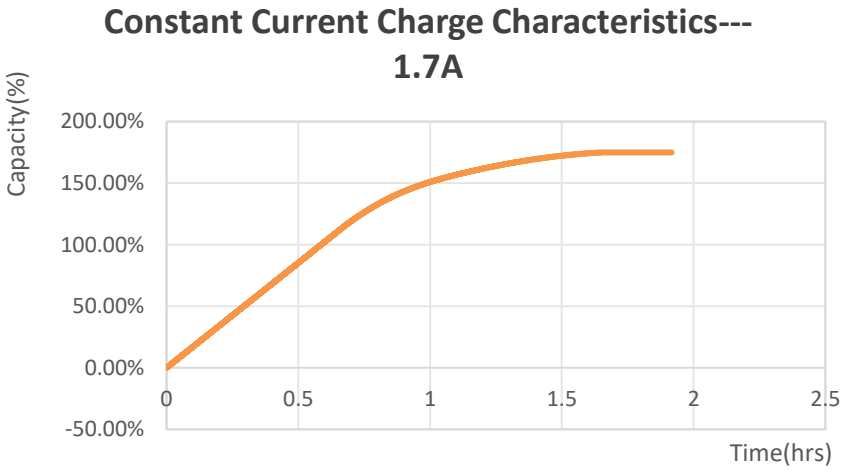
Certification Approval	PLEASE CONSULT SALES

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

RELATIVE CURVES

Constant Current Charge Characteristics---1.7A





ANNOUNCEMENT

- NEVER continue to charge a device or a battery after it is fully charged, unless the manufacturer's instructions for the charger and the battery specifically state that it is allowed.
- Do not inhale the smoke/fumes of a LiPo battery that is on fire. The smoke is toxic. Leave the area and call 911.
- Never directly connect the terminals with metal objects. This will short-circuit Batteries, resulting in heat and electrical discharge.
- Then recycle the battery according to the instructions of your country/region. Never dispose of a LIPO battery with domestic waste.
- ALWAYS use the charging cord supplied with the device (or only use a replacement charging cord that is specified by the device manufacturer to bean approved alternative).
- Periodically check that the battery connectors and cables are intact.
- If the battery swells during charging, stop charging immediately and disconnect the battery from the charger. Leave the battery outside for a few hours and observe. Then recycle the battery according to the instructions of your country/region.
- Test equipment for short circuits prior to installing batteries.
- Store lithium batteries in a dedicated, vented fire-rated cabinet. Keep combustible materials clear of the cabinet. Label cabinet as containing lithium batteries.
- 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.
- Never leave a charging LiPo battery pack unattended. Never store batteries inside of an automobile.