3.7V Lithium Polymer Battery Data Sheet

Model: 3065100

Please Find More:

https://www.fpbattery.com/3-7v-2000mah-lithium-polymer-battery/

File Number: A/FP65100-12876

File Version: 01

CONTACT

CUSTOMER SERVICE
86.755.3682.7358
sales@fpbattery.com
Hours of Operation:
9:00am-6:00pm CST, Monday to Friday

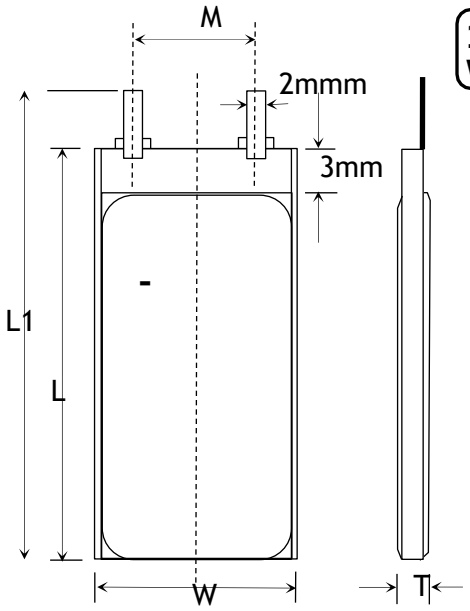
LEARN MORE ON:
https://www.fpbattery.com/

DNK POWER COMPANY LIMITED

BATTERY SPECIFICATION

Part Number	DNK 3065100
Nominal Voltage	3.7 V
Nominal Capacity	2000 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



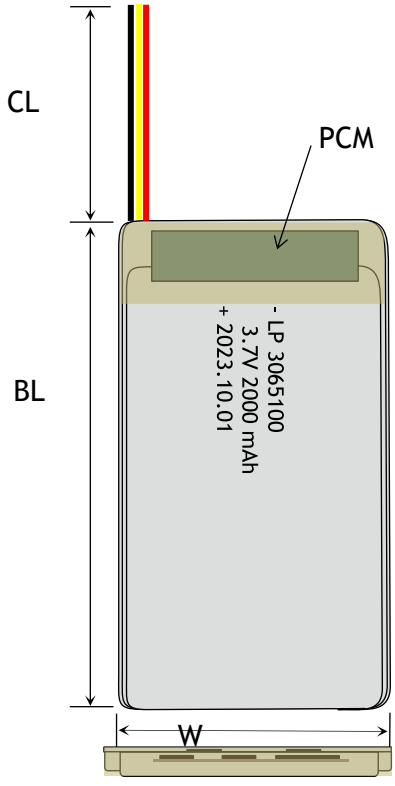
Item	Parameter (mm)
T	3
W	65
M	10
L	100
L_1	102
BL	102 ± 1
CL	100

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

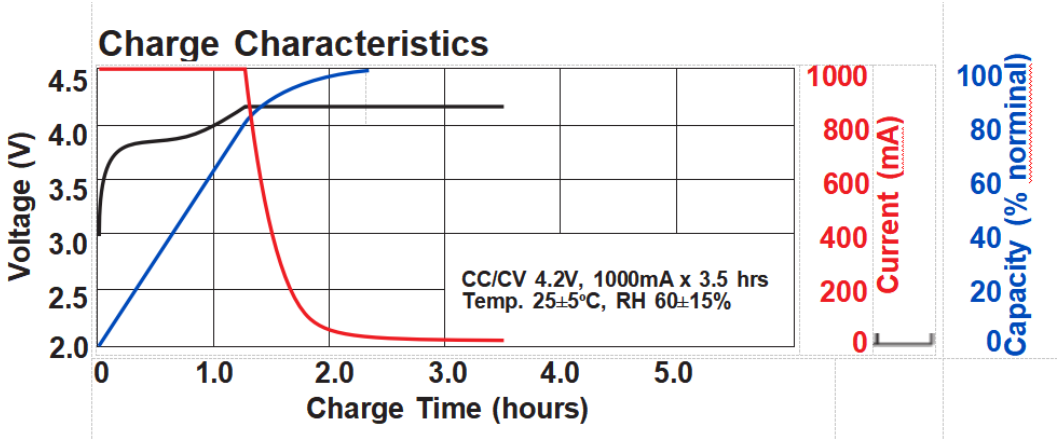
Dimensions	102x 65 x 3 mm(L*W*T)
Weight	Around 33 g
Battery Terminals	WC/ FL *

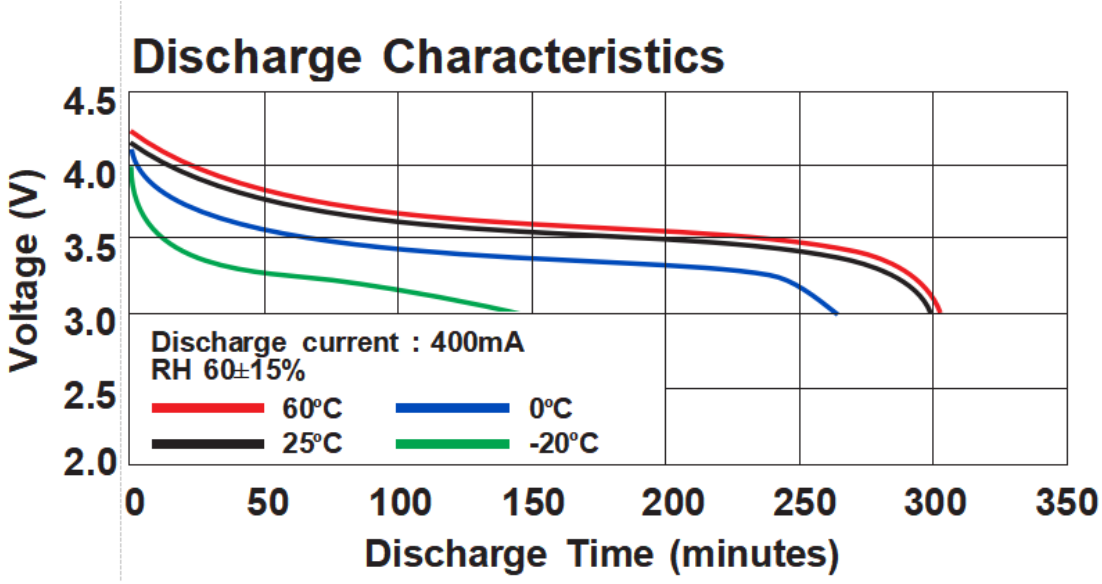
CERTIFICATION

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

- Store and transport in a non-flammable container
- Charge on a non-flammable surface (concrete, ceramic, steel) away from any flammable material
- Make sure the battery is fully charged before use.
- Do not discharge you LiPo cells below 3.00V per cell (e.g. 9.00V for a 3S pack) as this will damage the cells and dramatically reduce the life of your cells. If you do accidentally discharge them below 3.00V per cell, leave them for 30 minutes and if the voltage recovers to over 3.30V per cell then they should be OK to use them again. If they do not recover to at least 3.00V per cell then I'm afraid you have damaged them and they should be disposed of (Please see below for the correct method of disposal).
- Charge on a non-flammable surface (concrete, ceramic, steel) away from any flammable material
- Do not crush or bend the battery.
- Do not inhale the smoke/fumes of a LiPo battery that is on fire. The smoke is toxic. Leave the area and call 911.
- Do not place the battery near flammable materials.
- Do not plug and unplug the charger while using the battery.
- Avoid tightening the voltage adjustment knob on the way to use the battery.
- When replacing batteries, make sure to use batteries of the same type, size and brand.