3.7V Lithium Polymer Battery Data Sheet

Model: 553333

Please Find More:

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

File Number: A/FP3333-2050

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/

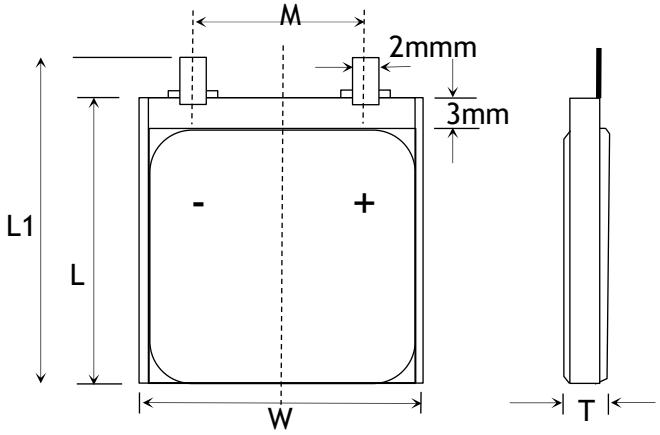
DNK POWER COMPANY LIMITED

BATTERY SPECIFICATION

Part Number	DNK 553333
Nominal Voltage	3.7 V
Nominal Capacity	600 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	5
W	33
M	10
L	33
L_1	35
BL	35 ± 1
CL	100

ENVIRONMENTAL SPECIFICATIONS

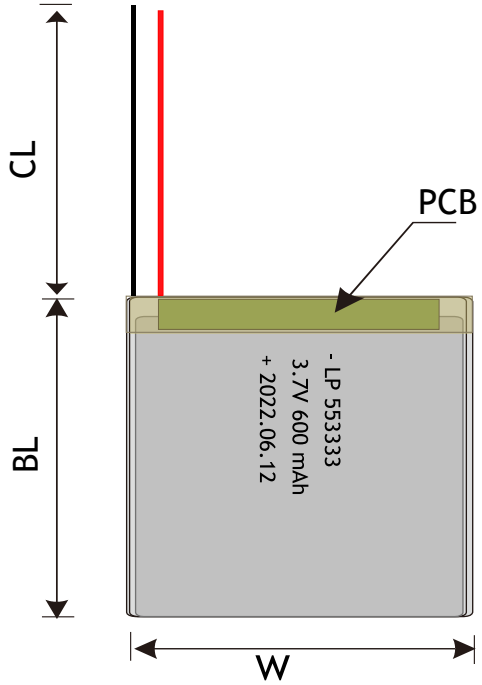
Charging Temperature Range	0 - 45°C
Discharging Temperature Range	-20 - 60°C
Storage Period 1 Week	-20 - 45°C
Storage Period 1 Month	-10 - 45°C
Storage Period 6 Months	0 - 35°C

BATTERY PROTECTION

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

MECHANICAL SPECIFICATIONS

Dimensions	35x 33 x 5 mm(L*W*T)
Weight	Around 10 g
Battery Terminals	WC/ FL *

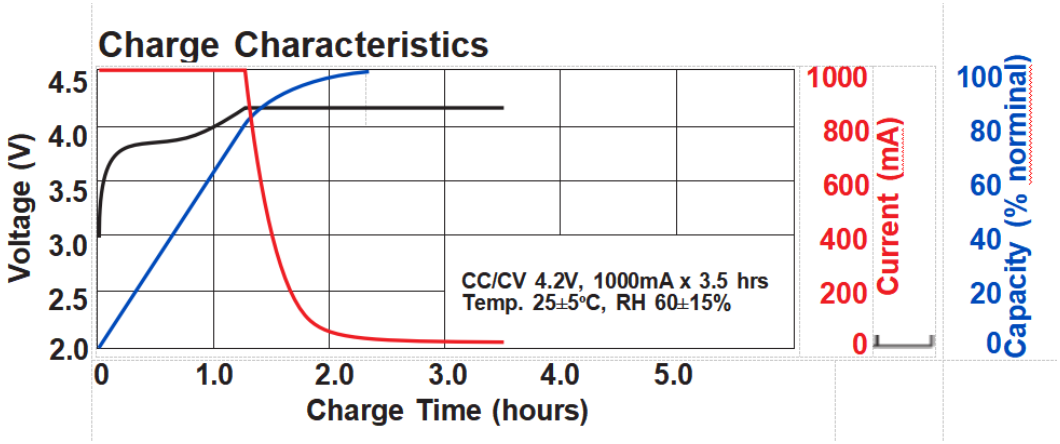


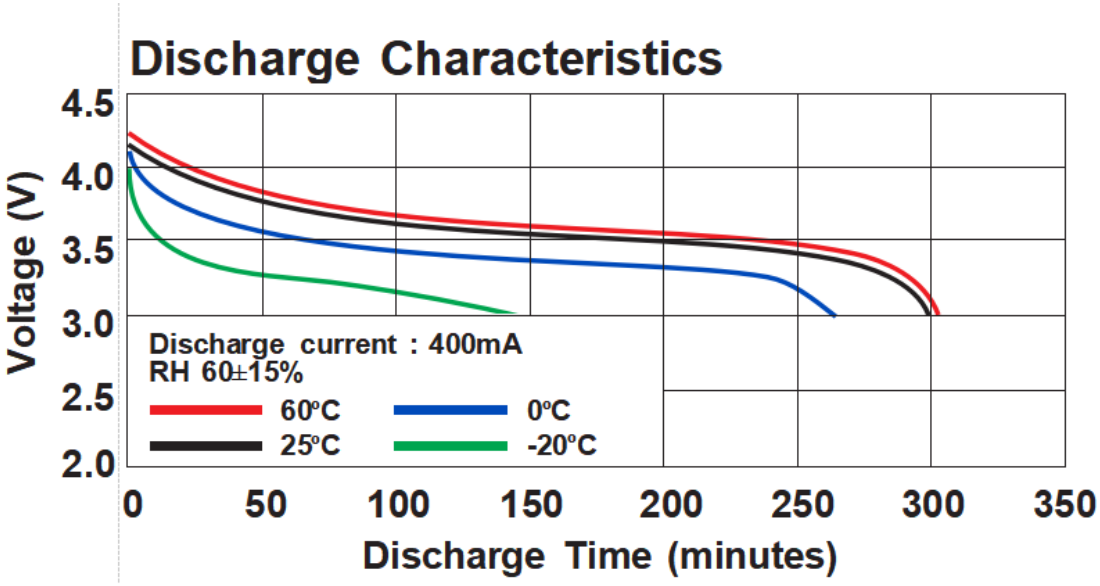
CERTIFICATION

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

- ALWAYS use the "Balance Charge" setting on your charger. If your charger does not have this feature then don't use it and invest in one that does.
- 3.6V~3.9V range. Always store your LiPo pack in a safe and non flammable container away from flammable objects.
- Never charge a very hot battery as this may cause an explosion or fire.
- Avoid excessively hot and humid conditions, especially when batteries are fully charged. Do not place batteries in direct sunlight, on hot surfaces or in hot locations.
- Do not place LiPo batteries in a fire.
- Always store LiPo pack in a safe and nonGcombustible container away from flammable/combustible materials.
- When charging a LiPo battery always use LiPo Safety Bag (Flame retardant).
- NEVER attempt to charge a one-time-use (non-rechargeable) Li-Ion or LiPo battery.
- Never leave un-attended!
- Always use the appropriate balancer/charger when charging your LiPo battery pack.
- Emergency Response and Disposal