3.7V Lithium Polymer Battery Data Sheet

Model: 355366

Please Find More:

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

File Number: A/FP5366-7287

File Version: 01

CONTACT

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

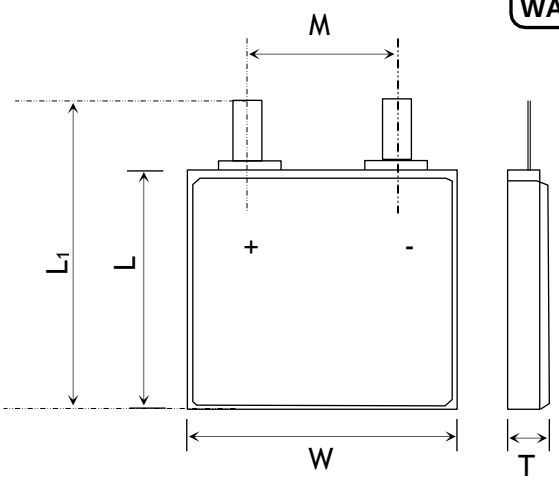
LEARN MORE ON:
https://www.fpbattery.com/

DNK POWER COMPANY LIMITED

BATTERY SPECIFICATION

Part Number	DNK 355366
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	53
M	10
L	66
L_1	68
BL	68 ± 1
CL	100

ENVIRONMENTAL SPECIFICATIONS

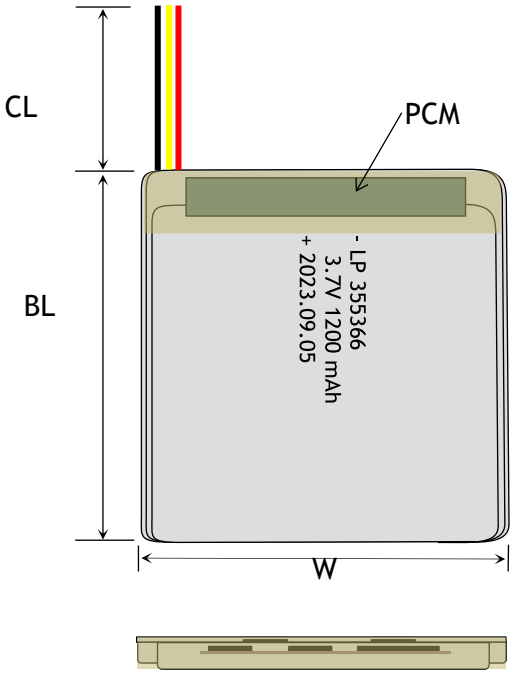
Charging Temperature Range	0 - 45°C
Discharging Temperature Range	-20 - 60°C
Storage Period 1 Week	-20 - 45°C
Storage Period 1 Month	-10 - 45°C
Storage Period 6 Months	0 - 35°C

BATTERY PROTECTION

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

MECHANICAL SPECIFICATIONS

Dimensions	68x 53 x 3 mm(L*W*T)
Weight	Around 20 g
Battery Terminals	WC/ FL *

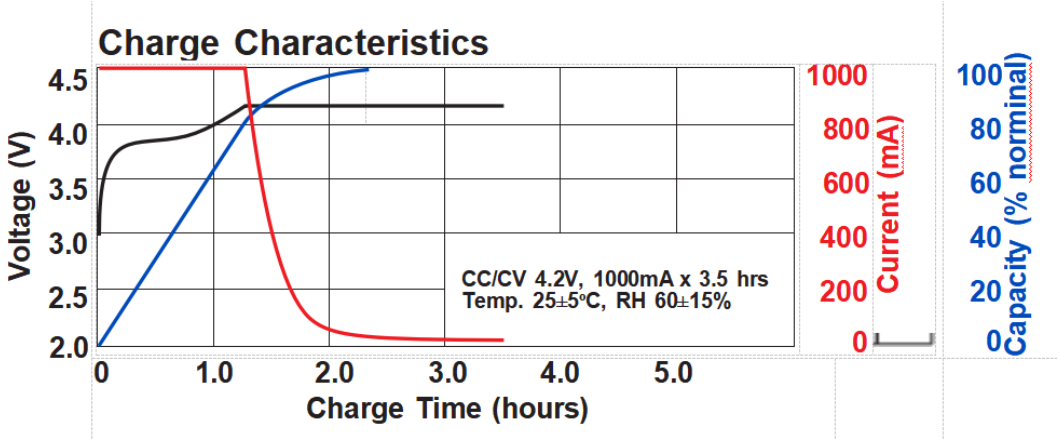


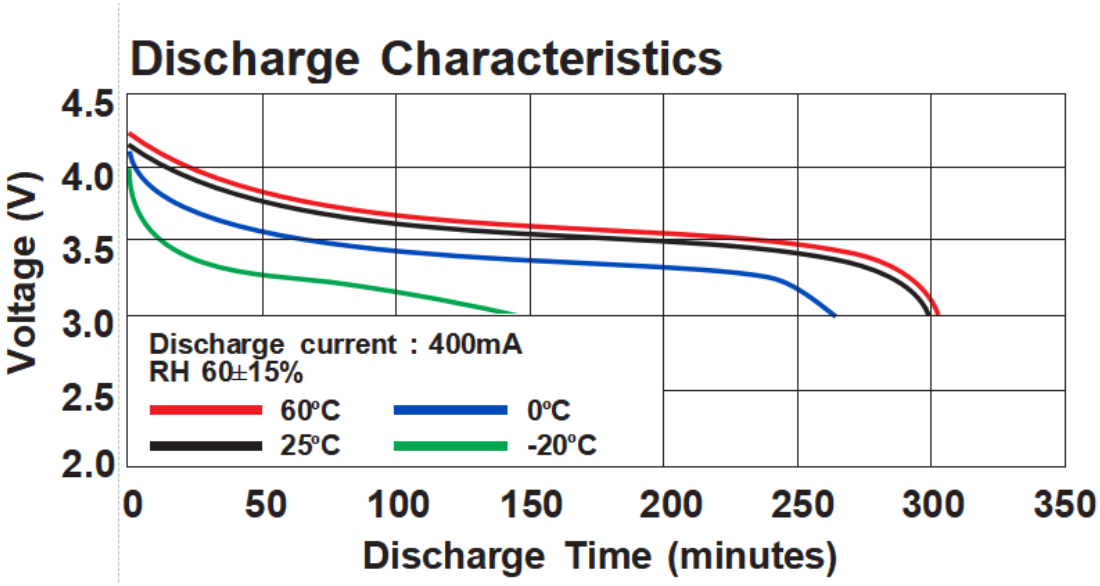
CERTIFICATION

Certification Approval	PLEASE CONSULT SALES

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

RELATIVE CURVES





ANNOUNCEMENT

- If the battery develops an abnormal condition, stop using it immediately.
- 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.
- Never charge the battery inside a Vehicle.
- Reacting and leaking batteries are considered hazardous waste. Please consult Emergency Procedures below.
- NEVER alter or disassemble a Lipo battery.
- Charge on non-conductive, non-combustible surfaces.
- Never charge batteries unattended.
- NEVER charge batteries at temperatures below 32℉ (0℃) or above 105℉ (40℃).
- Always charge batteries at a rate of 1c (one (times the capacity unless specified by the manufacturer
- Never charge a LiPo battery near an exit. Keep exit egress clear in case of a fire or emergency.
- Observe the polarities (Negative and Positive). Do not connect them wrongly.