3.7V Lithium Polymer Battery Data Sheet

Model: 354558

Please Find More:

https://www.fpbattery.com/3-7v-900mah-lithium-polymer-battery/

File Number: A/FP4558-8305

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/

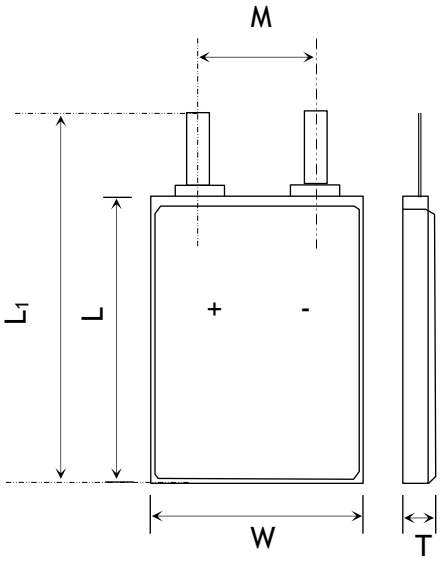
DNK POWER COMPANY LIMITED

BATTERY SPECIFICATION

Part Number	DNK 354558
Nominal Voltage	3.7 V
Nominal Capacity	915 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	45
M	10
L	58
L_1	60
BL	60 ± 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

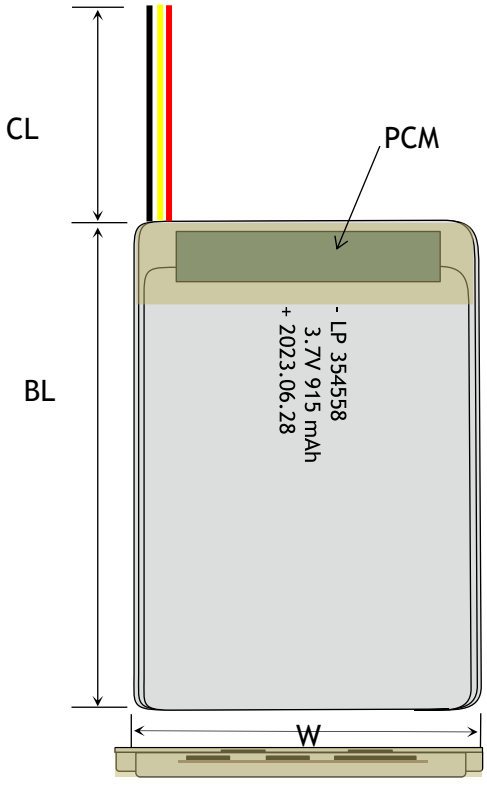
MECHANICAL SPECIFICATIONS

Dimensions	60x 45 x 3 mm(L*W*T)
Weight	Around 15 g
Battery Terminals	WC/ FL *

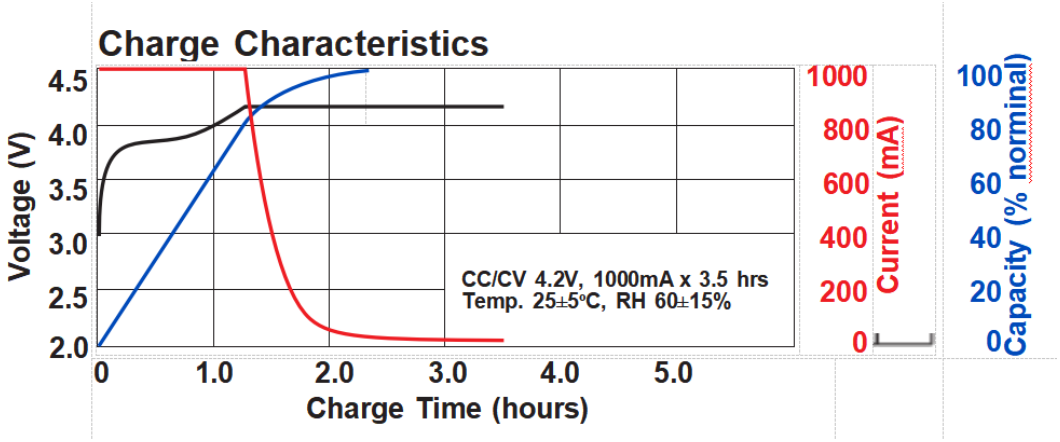
CERTIFICATION

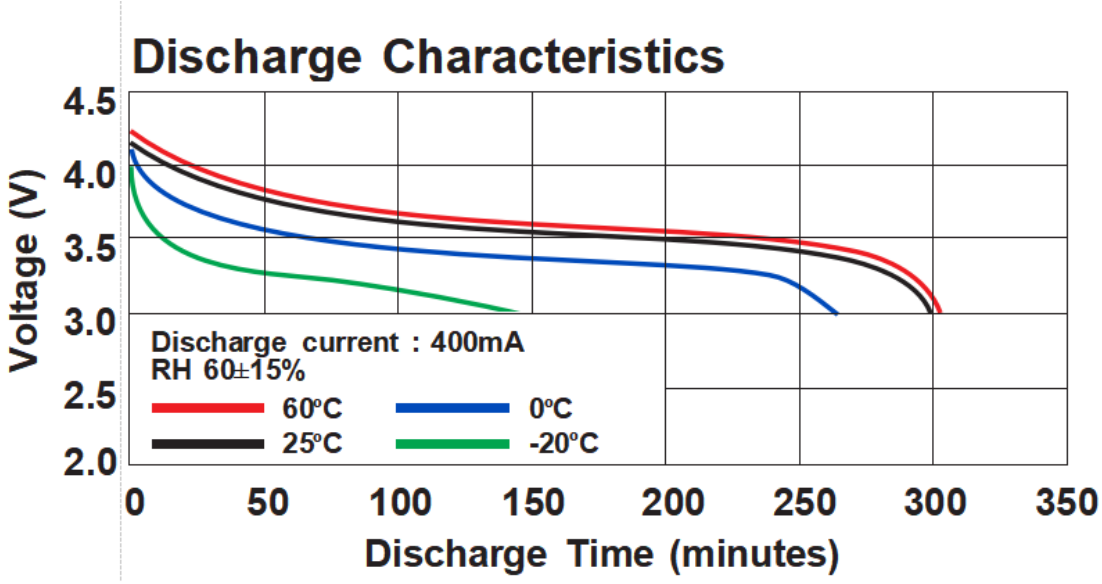
Certification Approval	PLEASE CONSULT SALES

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



RELATIVE CURVES





ANNOUNCEMENT

- LiPo batteries must only be charged with a manufacturer recommended LiPo charger.
- Dedicate a battery storage area free of combustible materials.
- In premises that also provide sleeping accommodation, serious consideration should be given, wherever practicable, to using timers to control socket outlets used for charging equipment
- Do not use a battery that has been over-discharged.
- Do not use unsuitable battery cover materials.
- Manually check the temperature of your LiPo battery pack constantly during charging. LiPo cells should never rise above ambient temperature when being charged.
- The battery and all electrical connections must be protected against splashing liquids. Electrical cables and connectors must be protected against accidental tearing.
- If safe to do so, fully discharge batteries that are to be disposed of.
- Do not allow charging to continue above 4.20V per cell. This is VERY important as a fire could result.
- Never burn, overheat, disassemble, short-circuit, solder, puncture, crush or otherwise mutilate battery packs or cells.
- Read the Product Specification and respect the maximum voltage (4.2V/cell). Never charge higher than 4.25V, which is the maximum voltage. Charging with a higher voltage will irreparably damage the battery and may lead to the start of a fire.