3.7V Lithium Polymer Battery Data Sheet

Model: 354255

Please Find More:

https://www.fpbattery.com/3-7v-800mah-lithium-polymer-battery/

File Number: A/FP4255-8736

File Version: 01

CONTACT

CUSTOMER SERVICE
86.755.3682.7358
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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 354255
Nominal Voltage	3.7 V
Nominal Capacity	810 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)

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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

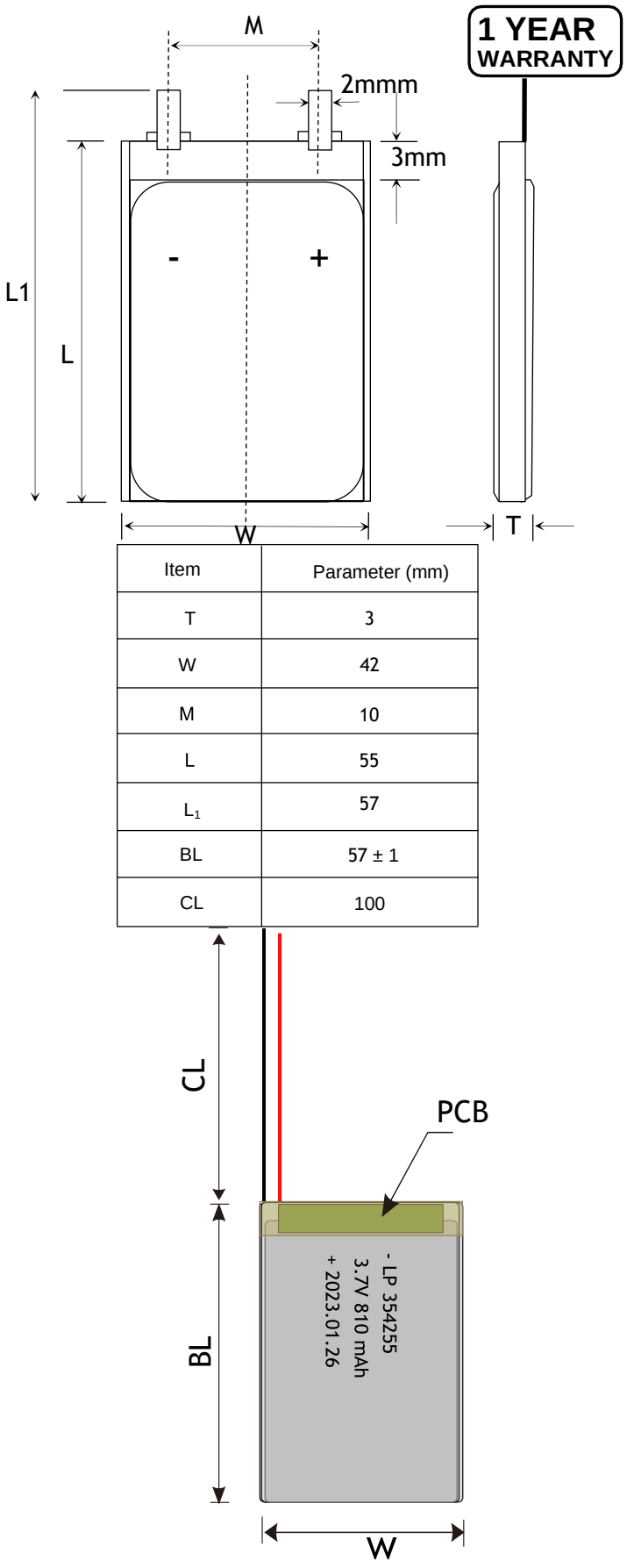
MECHANICAL SPECIFICATIONS

Dimensions	57x 42 x 3 mm(L*W*T)
Weight	Around 13 g
Battery Terminals	WC/ FL *

CERTIFICATION

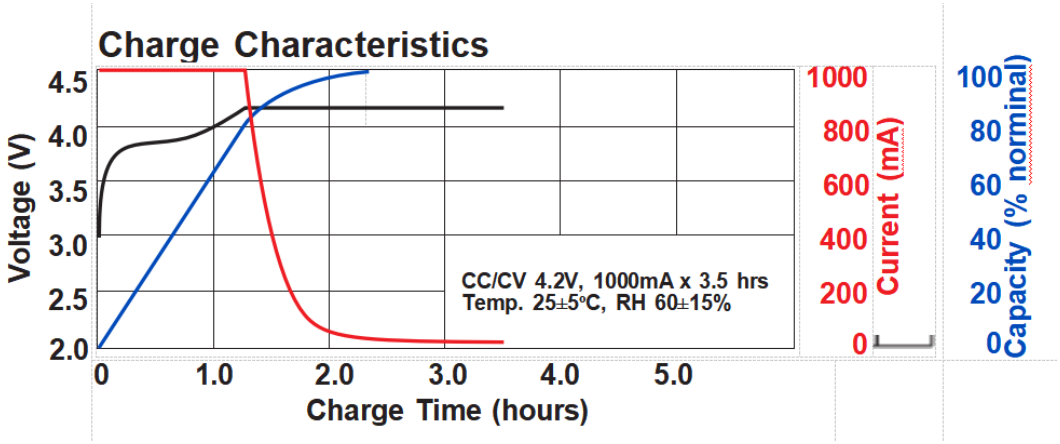
Certification Approval	PLEASE CONSULT SALES

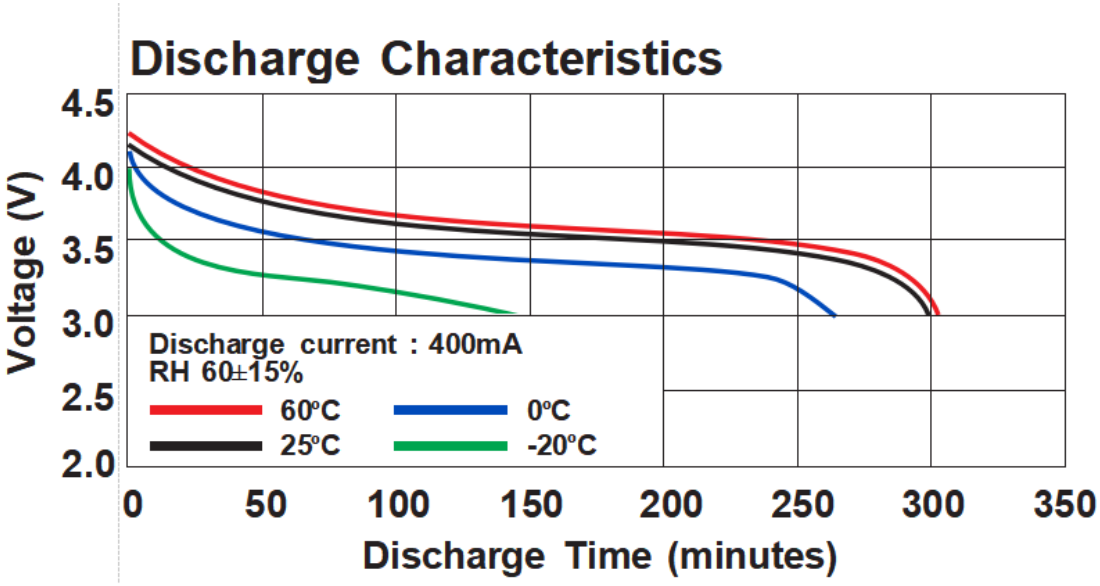
* WC=With Connector FL=Flying Leads UWP=Blue Wrapped PVC BWP=Black Wrapped PVC BC= Bare Cell



Item	Parameter (mm)
T	3
W	42
M	10
L	55
L_1	57
BL	57 ± 1
CL	100

RELATIVE CURVES





ANNOUNCEMENT

- LiPo safe bags help contain heat and flames that results if a Li-Ion battery combusts during charging or while in storage.
- Always check that batteries are physically and electrically undamaged before charging or discharging.
- Do not touch the battery to materials that are easily conductive.
- Before starting work,ensure that a written experimental protocol including safety information is available.
- Never charge a LiPo battery near an exit. Keep exit egress clear in case of a fire or emergency.
- NEVER charge a Li-ion or LiPo battery overnight and unattended.
- Never charge Batteries inside of the model.
- Charging current should be less than maximum charge current specified in the Product Specification.
- During discharging and handling the batteries, do not exceed 160˚F (71˚C). Otherwise, the battery may be damaged and a fire may result.
- Avoid physical damage and short circuiting.
- Never store or charge the battery inside your car or in extreme temperatures. Extreme temperatures might ignite the battery and cause fire. 7) Store the battery in a location inaccessible to children. Be sure that children do not remove the battery from the charger or model.