3.7V Lithium Polymer Battery Data Sheet

Model: 358560

Please Find More:

https://www.fpbattery.com/3-7v-1800mah-lithium-polymer-battery/

File Number: A/FP8560-127

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/

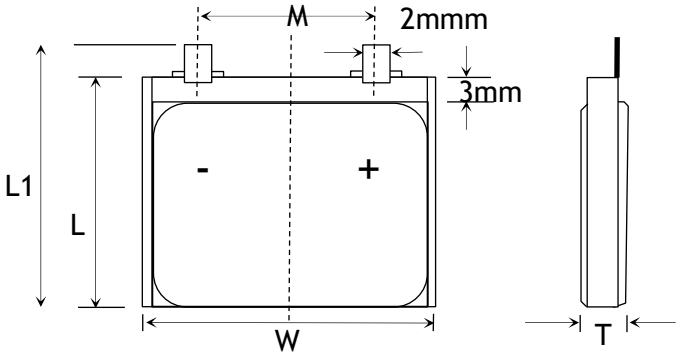
DNK POWER COMPANY LIMITED

BATTERY SPECIFICATION

Part Number	DNK 358560
Nominal Voltage	3.7 V
Nominal Capacity	1800 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	85
M	10
L	60
L_1	62
BL	62 ± 1
CL	100

ENVIRONMENTAL SPECIFICATIONS

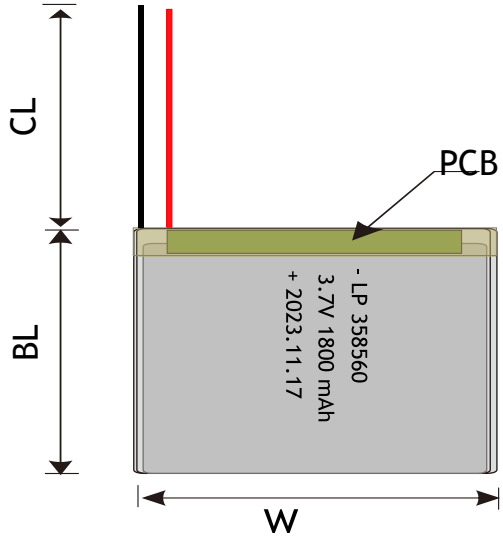
Charging Temperature Range	0 - 45°C
Discharging Temperature Range	-20 - 60°C
Storage Period 1 Week	-20 - 45°C
Storage Period 1 Month	-10 - 45°C
Storage Period 6 Months	0 - 35°C

BATTERY PROTECTION

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

MECHANICAL SPECIFICATIONS

Dimensions	62x 85 x 3 mm(L*W*T)
Weight	Around 30 g
Battery Terminals	WC/ FL *



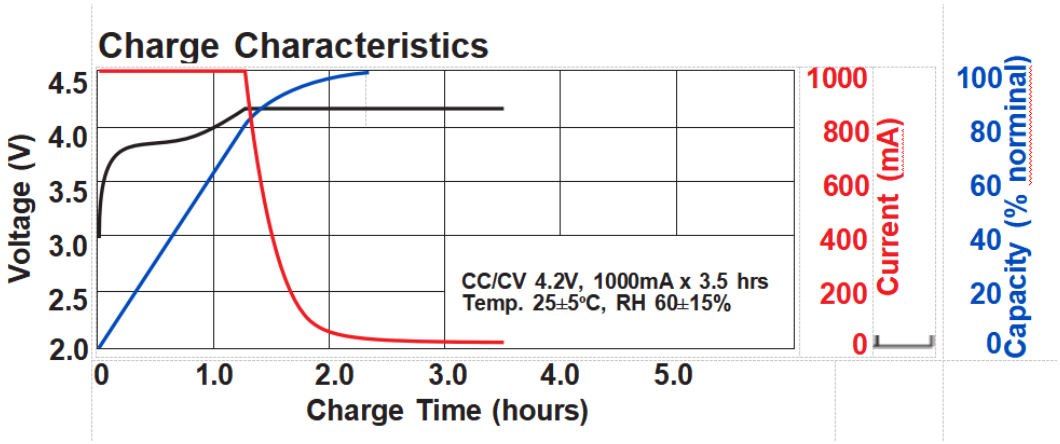
CERTIFICATION

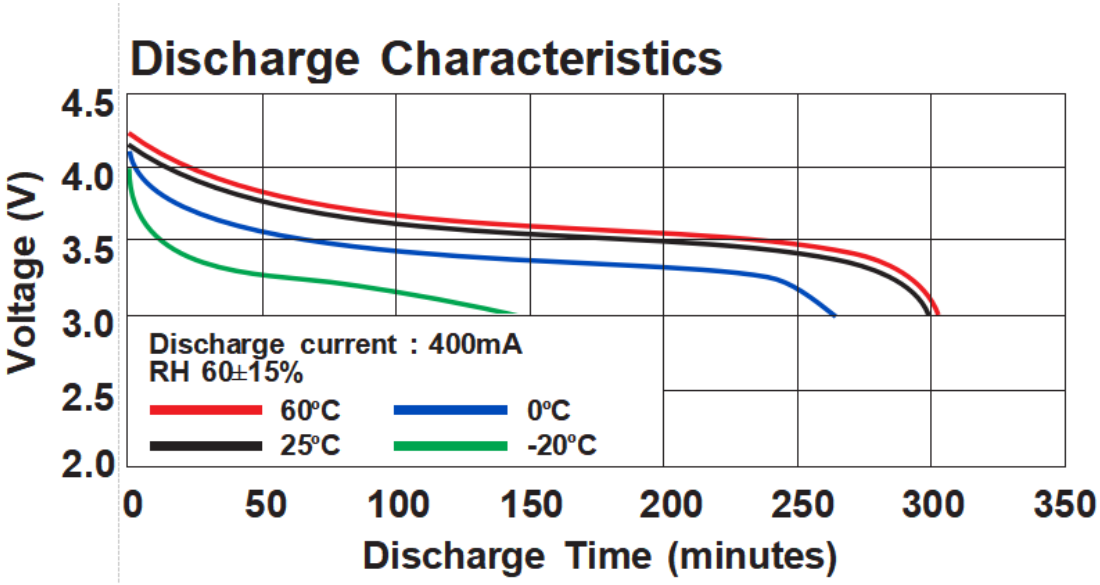
Certification Approval	PLEASE CONSULT SALES

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

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RELATIVE CURVES





ANNOUNCEMENT

- When charging a LiPo battery always use LiPo Safety Bag (Flame retardant).
- Always check that batteries are physically and electrically undamaged before charging or discharging.
- Make sure the battery is fully charged before use.
- Do not mix batteries of different models or capacities.
- Never charge a very hot battery as this may cause an explosion or fire.
- Always consult the manufacturerGspecific battery manual for proper instructions.
- Avoid using worn and aged batteries.
- Do not reverse the polarity.
- During transportation and storage, ensure effective measures are employed to prevent shortcircuit.
- Avoid restarting the device frequently on the way to using the battery.
- Ensure that all cells in a battery maintain the same voltage across all cells at all times.