3.7V Lithium Polymer Battery Data Sheet

Model: 357860

Please Find More:

https://www.fpbattery.com/3-7v-1600mah-lithium-polymer-battery/

File Number: A/FP7860-239

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/

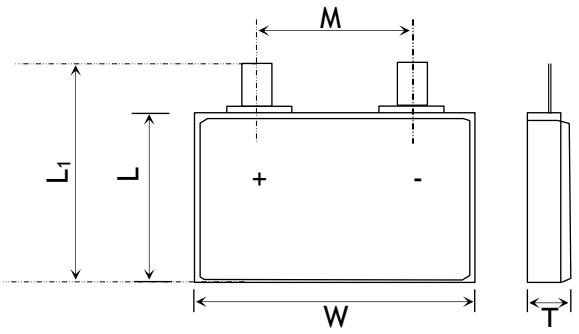
DNK POWER COMPANY LIMITED

BATTERY SPECIFICATION

Part Number	DNK 357860
Nominal Voltage	3.7 V
Nominal Capacity	1600 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	78
M	10
L	60
L_1	62
BL	62 ± 1
CL	100

ENVIRONMENTAL SPECIFICATIONS

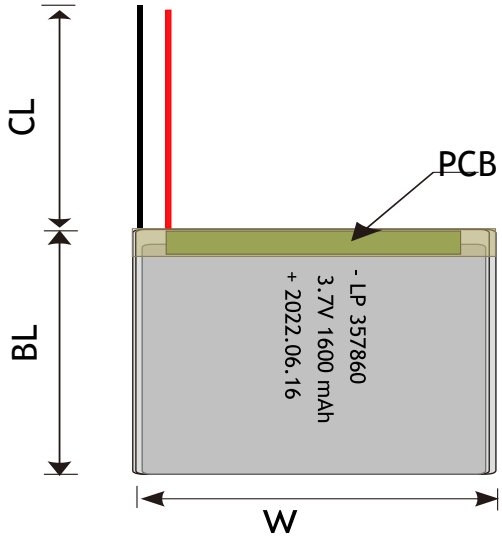
Charging Temperature Range	0 - 45°C
Discharging Temperature Range	-20 - 60°C
Storage Period 1 Week	-20 - 45°C
Storage Period 1 Month	-10 - 45°C
Storage Period 6 Months	0 - 35°C

BATTERY PROTECTION

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

MECHANICAL SPECIFICATIONS

Dimensions	62x 78 x 3 mm(L*W*T)
Weight	Around 26 g
Battery Terminals	WC/ FL *

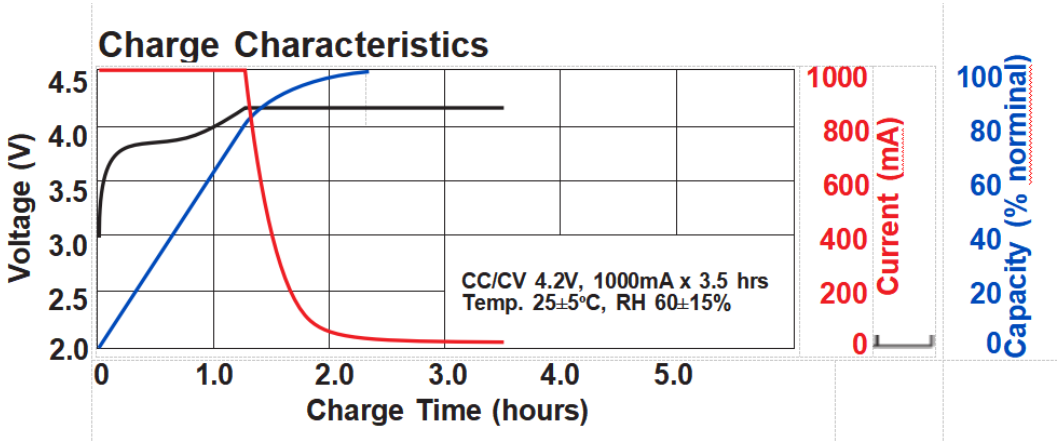


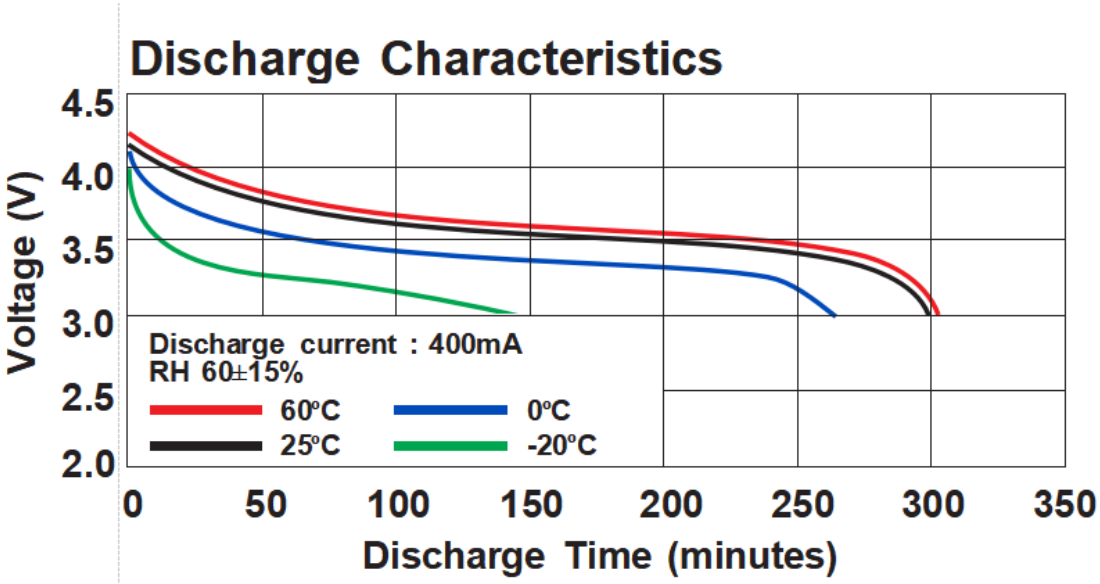
CERTIFICATION

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

- Do not plug and unplug the charger while using the battery.
- Avoid using unauthorized charging devices.
- Never leave batteries unattended where they can be damaged by someone.
- ALWAYS store batteries and devices at room temperature.
- Always balance charge batteries using the charger's balance charging option. Otherwise, an unbalanced cell may become over charged. This will reduce the life of the battery, and possibly cause a fire which could result in personal injury and property damage.
- It is prohibited to disassemble a LiPo battery, this may generate a gas release or cause a fire
- Always verify voltage of Batteries before use, this is especially important for packs that have been out of service for greater than six (months.
- During discharging and handling the batteries, do not exceed 160°F (71°C). Otherwise, the battery may be damaged and a fire may result.
- Batteries should not be carried in pockets as coins, keys and similar metal items can cause shorting leading to overheating, burns or ignition.
- Always charge/store Batteries in a non-conductive, fire-proof container or bag.
- Store dust free and dry and protect from moisture