3.7V Lithium Polymer Battery Data Sheet

Model: 356579

Please Find More:

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

File Number: A/FP6579-6723

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/

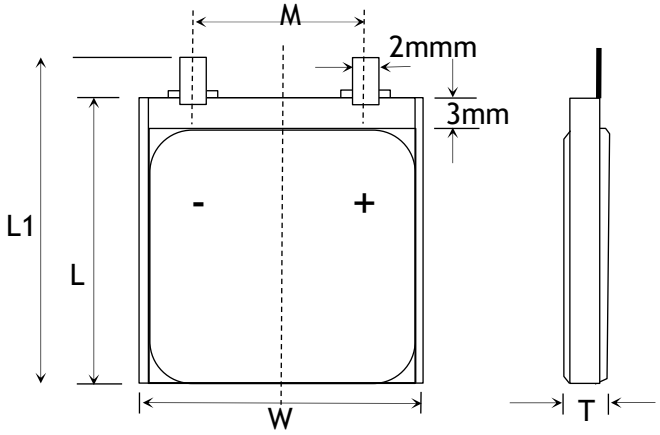
DNK POWER COMPANY LIMITED

BATTERY SPECIFICATION

Part Number	DNK 356579
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	65
M	10
L	79
L_1	81
BL	81 ± 1
CL	100

ENVIRONMENTAL SPECIFICATIONS

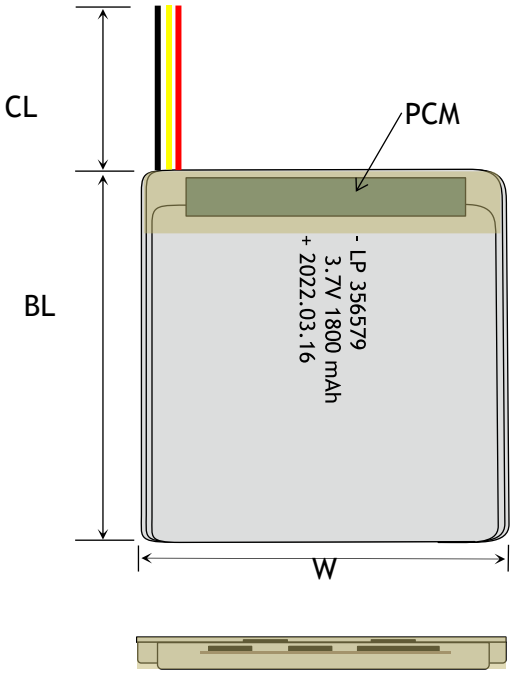
Charging Temperature Range	0 - 45°C
Discharging Temperature Range	-20 - 60°C
Storage Period 1 Week	-20 - 45°C
Storage Period 1 Month	-10 - 45°C
Storage Period 6 Months	0 - 35°C

BATTERY PROTECTION

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

MECHANICAL SPECIFICATIONS

Dimensions	81x 65 x 3 mm(L*W*T)
Weight	Around 30 g
Battery Terminals	WC/ FL *

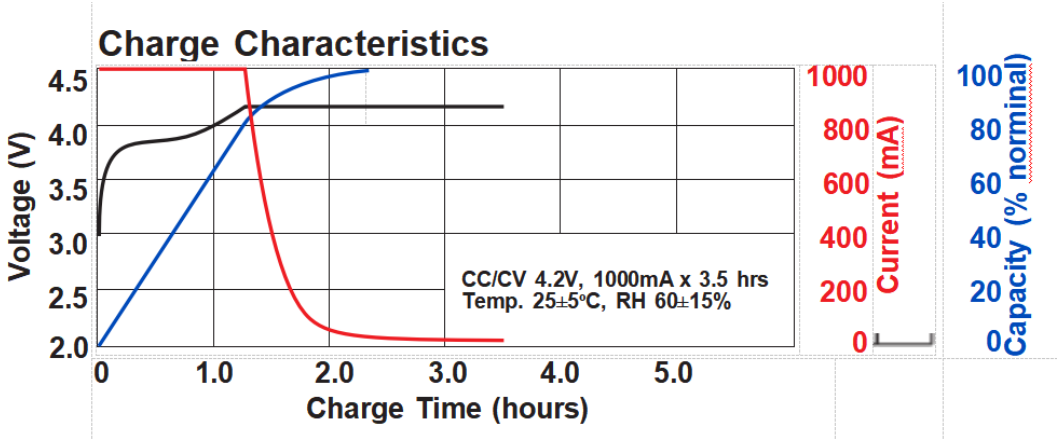


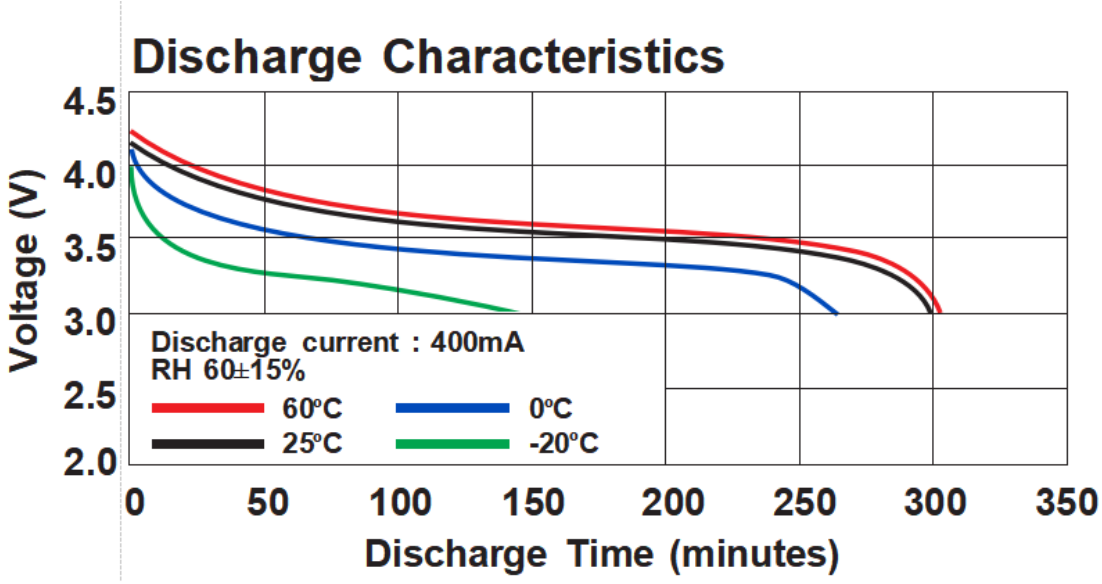
CERTIFICATION

Certification Approval	PLEASE CONSULT SALES

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

RELATIVE CURVES





ANNOUNCEMENT

- Make sure the device is turned off before disconnecting the power.
- l When charging LiPo batteries, they must be charged at the voltage of the number of cells in series. Example: A 5s4p pack must be charged as a 5 cell pack.
- Check and double check that you have set the correct voltage/number of cells and the maximum current does not exceed the stated charge rate (normally 1C). If using an automatic charger, check that it has detected the correct number of cells. Check it again through every stage of charging.
- Avoid frequent charging and discharging on the way to using the battery.
- Always charge Batteries in an open area away from flammable materials, liquids and surfaces.
- ALWAYS constantly supervise LiPo batteries on charge and NEVER LEAVE UNATTENDED.
- Do not place metallic substances in direct contact with the positive and negative terminals of the battery.
- Do not overcharge the battery and observe the charger and battery charge time instructions.
- Avoid using charging methods other than wireless chargers.
- Always charge the LiPo battery outdoors or in a ventilated area away from flammable objects and surfaces.
- ALWAYS read and follow the manufacturer's instructions for charging, use, maintenance, and storage.