3.7V Lithium Polymer Battery Data Sheet

Model: 357376

Please Find More:

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

File Number: A/FP7376-2879

File Version: 01

CONTACT

CUSTOMER SERVICE
86.755.3682.7358
sales@fpbattery.com
Hours of Operation:
9:00am-6:00pm CST, Monday to Friday

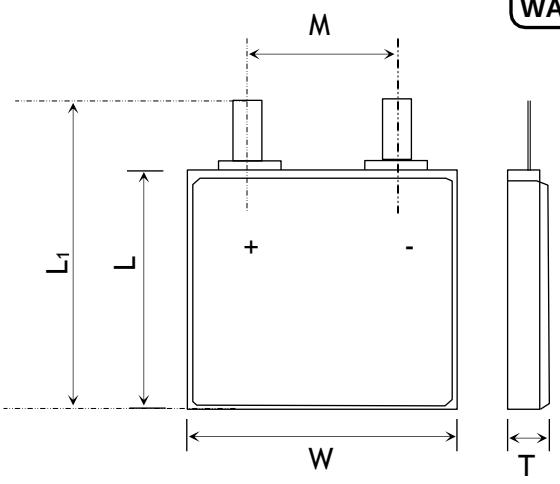
LEARN MORE ON:
https://www.fpbattery.com/

DNK POWER COMPANY LIMITED

BATTERY SPECIFICATION

Part Number	DNK 357376
Nominal Voltage	3.7 V
Nominal Capacity	1900 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 YEAR WARRANTY



Item	Parameter (mm)
T	3
W	73
M	10
L	76
L_1	78
BL	78 ± 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

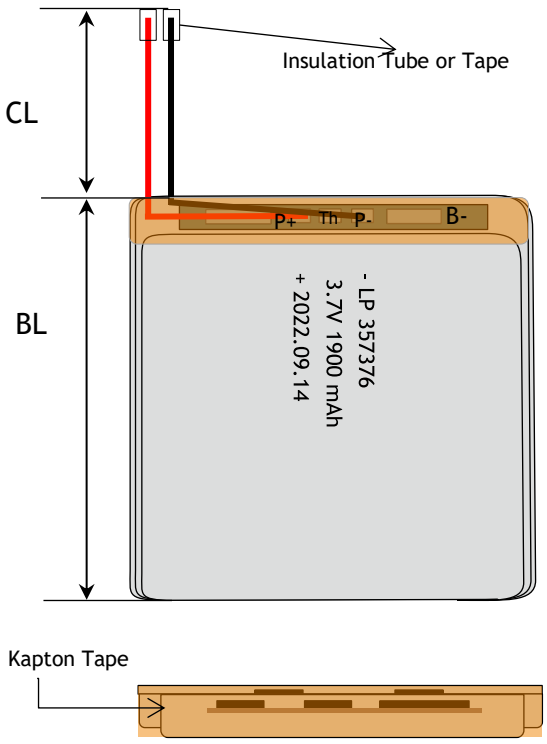
MECHANICAL SPECIFICATIONS

Dimensions	78x 73 x 3 mm(L*W*T)
Weight	Around 31 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



BULK PRODUCTION ACTUAL PICTURES



BARE CELL (BC)



FLYING LEADS (FL)



WITH CONNECTOR (WC)



BLUE WRAPPED PVC (UWP)



BLACK WRAPPED PVC (BWP)

3.7V LIPO BATTERY OPTIONS

Special Ingredients to make batteries work from -40 -85 ° C

Discharging Current up to 100C

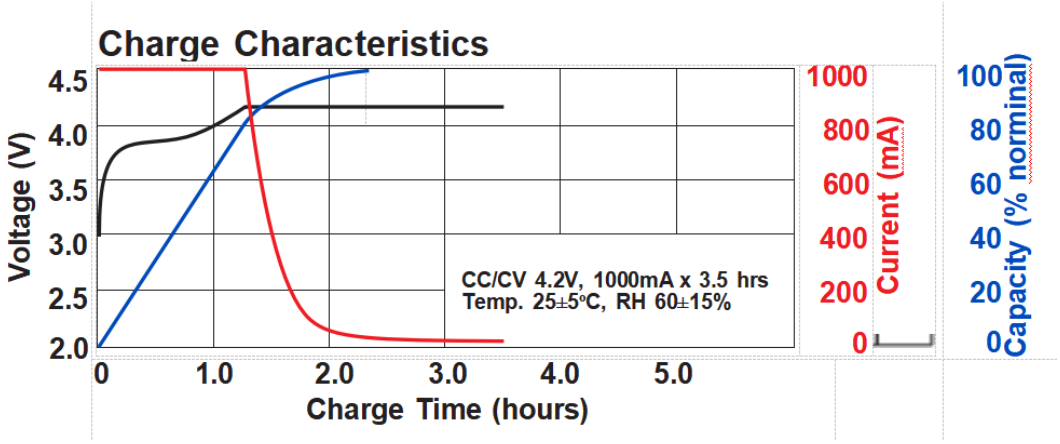
Popular JST,Molex,Hirose,Anderson available

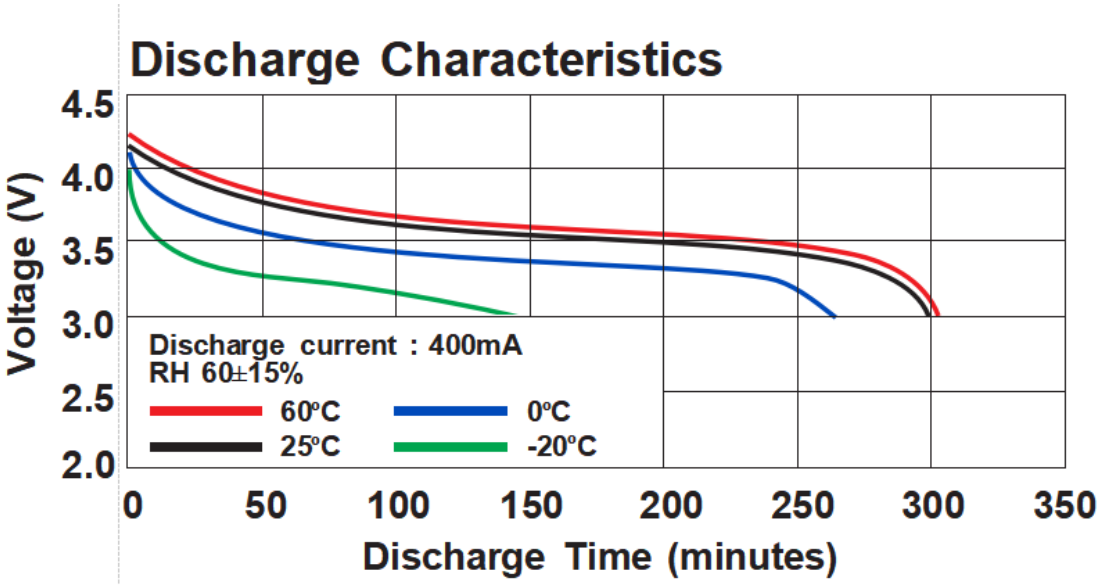
LED Power Indicator

Power Button

Upgrade to LifePo4 tech and life circle up to 1500

RELATIVE CURVES





ANNOUNCEMENT

- Store behind a fire door and where a fire alarm is situated.
- Do not charge hot cells after use. Warm cells are OK. Always let hot cells cool before charging.
- Always charge the LiPo battery outdoors or in a ventilated area away from flammable objects and surfaces.
- Store lithium batteries in a dedicated, vented fire-rated cabinet. Keep combustible materials clear of the cabinet. Label cabinet as containing lithium batteries.
- Do not use damaged battery connectors.
- Never store batteries inside a Vehicle.
- Exercise caution with new products like E-Scooters where all safety considerations may not be recognized or that may encourage cheap knock-offs built without adherent to safety standards.
- Never disassemble, modify, puncture, mechanically shock, or short circuit the battery. Leakage, smoke emission, ignition, explosion, or fire, which may result in personal injury and property damage, can occur.
- Never charge a battery that shows signs of puffing.
- Discharging capacity can't exceed 80% of the max capacity after full charging to ensure a good cycle performance
- Avoid excessively hot and humid conditions, especially when batteries are fully charged. Do not place batteries in direct sunlight, on hot surfaces or in

hot locations.