3.7V Lithium Polymer Battery Data Sheet

Model: 402863

Please Find More:

https://www.fpbattery.com/3-7v-650mah-lithium-polymer-battery/

File Number: A/FP2863-20784

File Version: 01

CONTACT

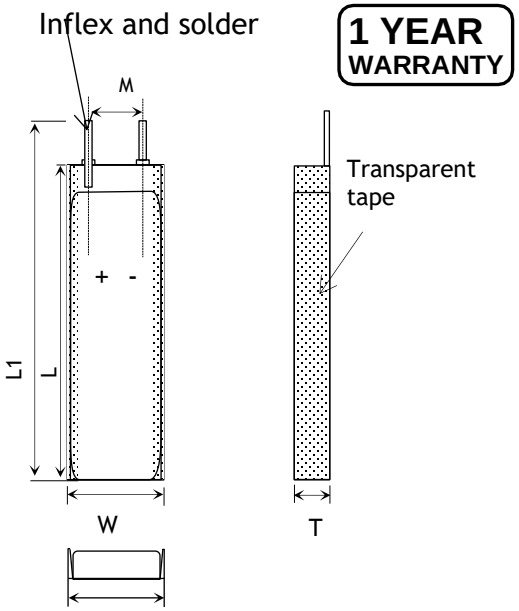
CUSTOMER SERVICE
86.755.3682.7358
sales@fpbattery.com
Hours of Operation:
9:00am-6:00pm CST, Monday to Friday

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

DNK POWER COMPANY LIMITED

BATTERY SPECIFICATION

Part Number	DNK 402863
Nominal Voltage	3.7 V
Nominal Capacity	705 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)



Item	Parameter (mm)
T	4
W	28
M	10
L	63
L_1	65
BL	65 ± 1
CL	100

ENVIRONMENTAL SPECIFICATIONS

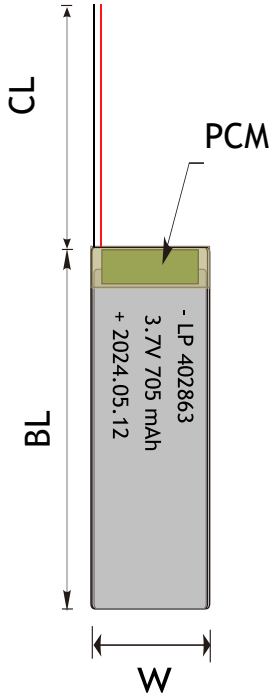
Charging Temperature Range	0 - 45°C
Discharging Temperature Range	-20 - 60°C
Storage Period 1 Week	-20 - 45°C
Storage Period 1 Month	-10 - 45°C
Storage Period 6 Months	0 - 35°C

BATTERY PROTECTION

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

MECHANICAL SPECIFICATIONS

Dimensions	65x 28 x 4 mm(L*W*T)
Weight	11 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

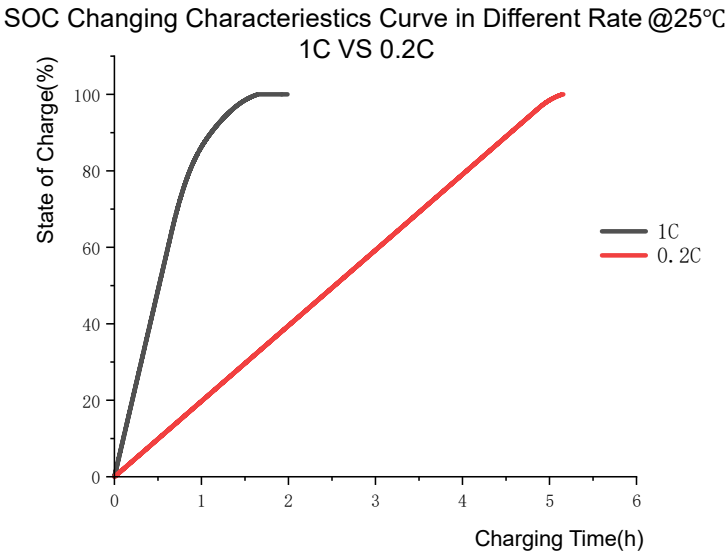


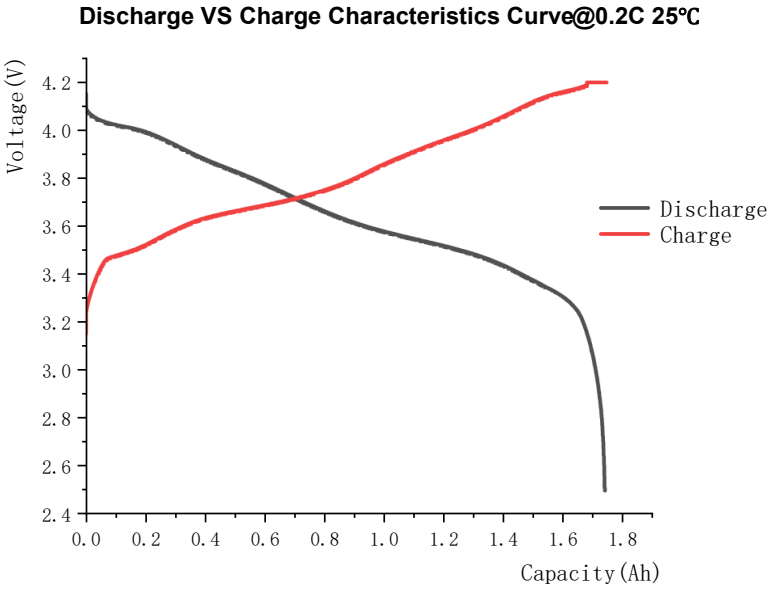
Power Button



Upgrade to LifePo4 tech and life circle up to 1500

RELATIVE CURVES





ANNOUNCEMENT

- Remove Li-Ion powered devices and batteries from the charger once they are fully charged.
- Discharge Lipo Battery at Environmental temperature : -20°C~60°C.
- When using the charger, please monitor the temperature of the charger.
- Do not dispose of the battery in the regular trash.
- NEVER leave E-bikes or other similar personal mobility devices unattended while charging.
- Store Li-Ion batteries and devices in dry, cool locations and in fire-resistant containers.
- Work on insulated surfaces. Avoid sharp edges and tools.
- Set up dedicated charging area. Area must be free of combustible materials. Maintain space between charging batteries.
- Do not attempt to disassemble or repair the battery.
- Be careful of the polarity when connecting and disconnecting batteries.
- Do not disassemble and damage the battery.