3.7V Lithium Polymer Battery Data Sheet

Model: 303564

Please Find More:

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

File Number: A/FP3564-17124

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/

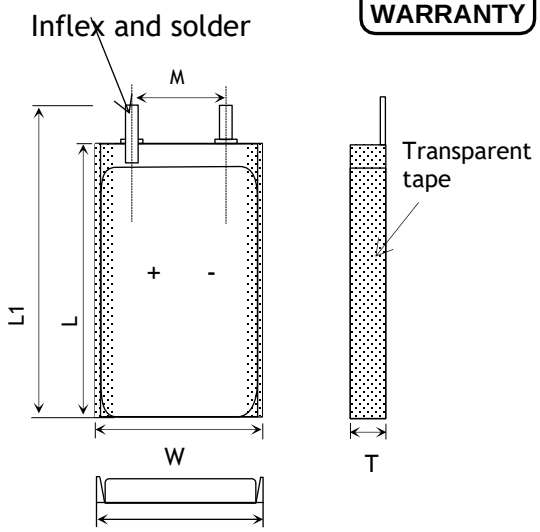
DNK POWER COMPANY LIMITED

BATTERY SPECIFICATION

Part Number	DNK 303564
Nominal Voltage	3.7 V
Nominal Capacity	670 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	35
M	10
L	64
L_1	66
BL	66 ± 1
CL	100

ENVIRONMENTAL SPECIFICATIONS

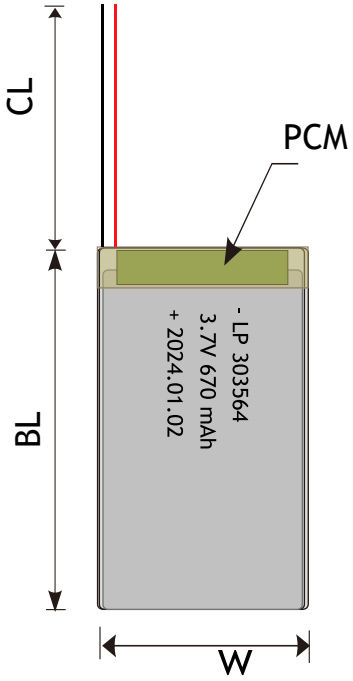
Charging Temperature Range	0 - 45°C
Discharging Temperature Range	-20 - 60°C
Storage Period 1 Week	-20 - 45°C
Storage Period 1 Month	-10 - 45°C
Storage Period 6 Months	0 - 35°C

BATTERY PROTECTION

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

MECHANICAL SPECIFICATIONS

Dimensions	66x 35 x 3 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



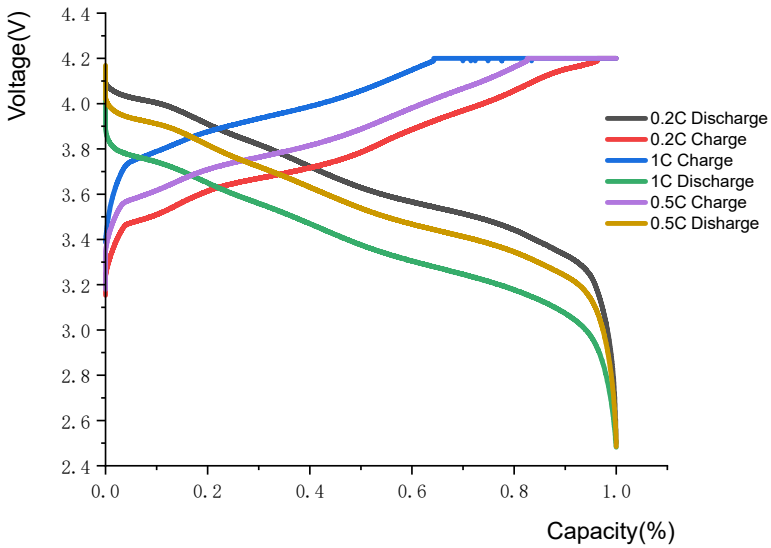
Power Button



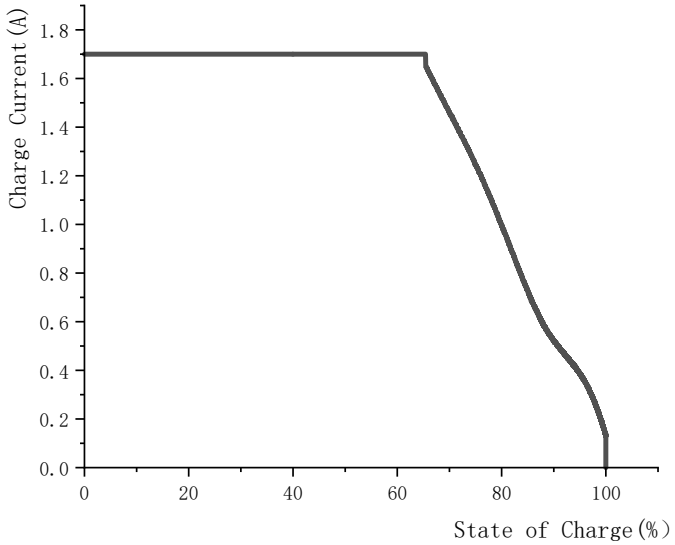
Upgrade to LifePo4 tech and life circle up to 1500

RELATIVE CURVES

Charge & Discharge Characteriestics in different Rate@25℃



State of Charge Characteriestics @1C 25℃



ANNOUNCEMENT

- Always use a proper balance discharger when discharging your batteries
- When using an adapter, select an output voltage and current that meets the needs of the battery.
- Do not submit to static electricity risks tAVOID damages to the Protecting Circuit Board.
- Use the included charge lead (if applicable) for charging purposes only! DO NOT use the harness as a power adapter. Use of the charging harness as a power adapter may result in overheating of the battery connection resulting in melting of the plastic battery case.
- Do not use a damaged charger that could cause the battery to overcharge or over discharge.
- Ensure that charging leads are connected correctly. Reverse charging can lead to cell damage, fire or explosion.
- NEVER put discarded batteries in piles.
- When replacing batteries, make sure to use batteries of the same type, size and brand.
- If you start seeing any physical changes to the battery while charging example puffing, STOP charging immediately and dispose of the battery responsibly.
- If you have dropped or damageda LiPo battery in anyway, do not attempt to charge it.
- NEVER leave E-bikes or other similar personal mobility devices unattended while charging.