3.7V Lithium Polymer Battery Data Sheet

Model: 354584

Please Find More:

https://www.fpbattery.com/3-7v-1300mah-lithium-polymer-battery/

File Number: A/FP4584-17711

File Version: 01

CONTACT

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

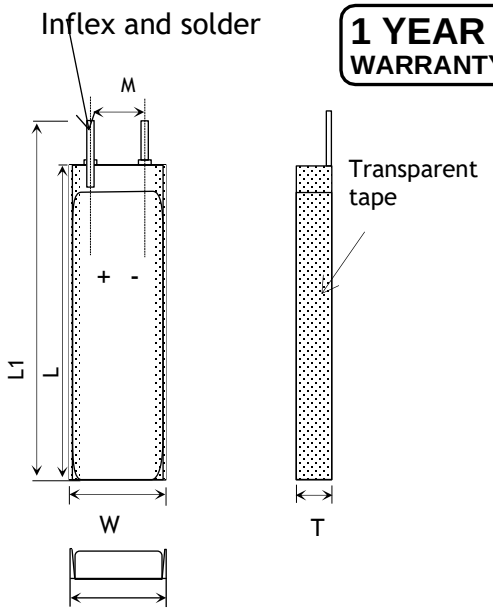
LEARN MORE ON:
https://www.fpbattery.com/

DNK POWER COMPANY LIMITED

BATTERY SPECIFICATION

Part Number	DNK 354584
Nominal Voltage	3.7 V
Nominal Capacity	1300 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	45
M	10
L	84
L_1	86
BL	86 ± 1
CL	100

ENVIRONMENTAL SPECIFICATIONS

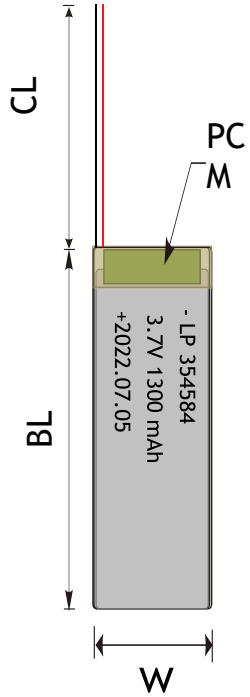
Charging Temperature Range	0 - 45°C
Discharging Temperature Range	-20 - 60°C
Storage Period 1 Week	-20 - 45°C
Storage Period 1 Month	-10 - 45°C
Storage Period 6 Months	0 - 35°C

BATTERY PROTECTION

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

MECHANICAL SPECIFICATIONS

Dimensions	86x 45 x 3 mm(L*W*T)
Weight	21 g
Battery Terminals	WC/ FL *



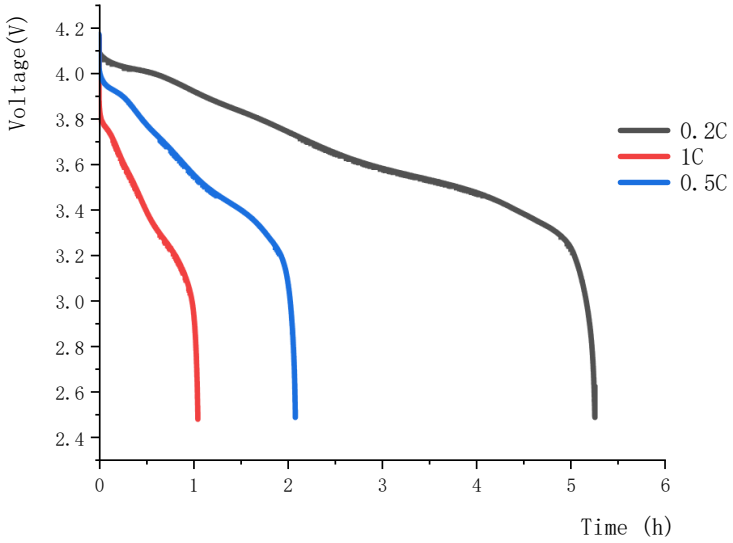
CERTIFICATION

Certification Approval	PLEASE CONSULT SALES

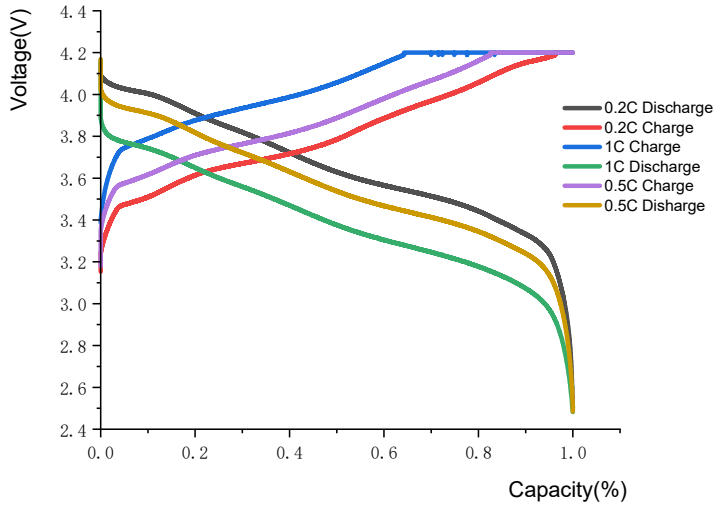
* WC=With Connector FL=Flying Leads UWP=Blue Wrapped PVC BWP=Black Wrapped PVC BC= Bare Cell

RELATIVE CURVES

Discharge Characteriestics Curve in Different Rate@25℃



Charge & Discharge Characteriestics in different Rate@25℃



ANNOUNCEMENT

- Double check that the setting for the lithium polymer charger is correct for the pack being charged – this includes the cell count as well as the current settings.
- Always verify voltage of Batteries before use, this is especially important for packs that have been out of service for greater than six (months.
- Avoid crushing or excessive pressure on the battery.
- NEVER put discarded batteries in piles.
- Avoid placing the battery near sources of ignition.
- Manually check the temperature of your LiPo battery pack constantly during charging. LiPo cells should never rise above ambient temperature when being charged.
- LiPo batteries must only be charged with a manufacturer recommended LiPo charger.
- Never let the positive and negative battery leads touch each other. It can lead to cell ballooning, cell damage, fire or an explosion.
- NEVER leave your LiPo battery unattended while charging.
- The battery must be installed in the model on a flat surface.
- Intact batteries can be disposed of as Universal Waste. If the battery is greater than 9V, tape the terminals before disposal.