3.7V Lithium Polymer Battery Data Sheet

Model: 354261

Please Find More:

https://www.fpbattery.com/3-7v-800mah-lithium-polymer-battery/

File Number: A/FP4261-11262

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/

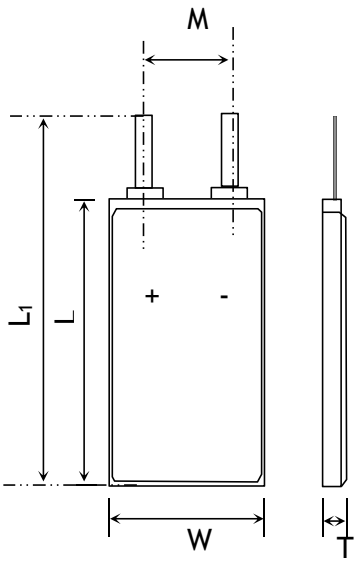
DNK POWER COMPANY LIMITED

BATTERY SPECIFICATION

Part Number	DNK 354261
Nominal Voltage	3.7 V
Nominal Capacity	895 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	42
M	10
L	61
L_1	63
BL	63 ± 1
CL	100

ENVIRONMENTAL SPECIFICATIONS

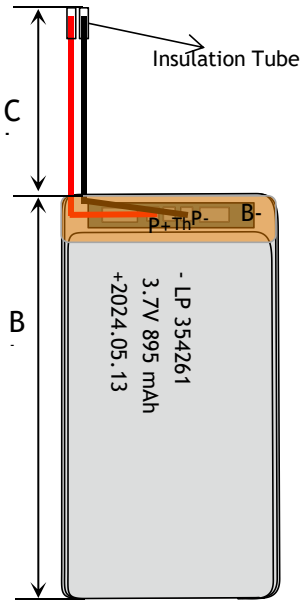
Charging Temperature Range	0 - 45°C
Discharging Temperature Range	-20 - 60°C
Storage Period 1 Week	-20 - 45°C
Storage Period 1 Month	-10 - 45°C
Storage Period 6 Months	0 - 35°C

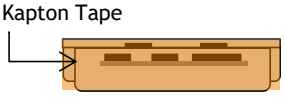
BATTERY PROTECTION

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

MECHANICAL SPECIFICATIONS

Dimensions	63x 42 x 3 mm(L*W*T)
Weight	Around 14 g
Battery Terminals	WC/ FL *



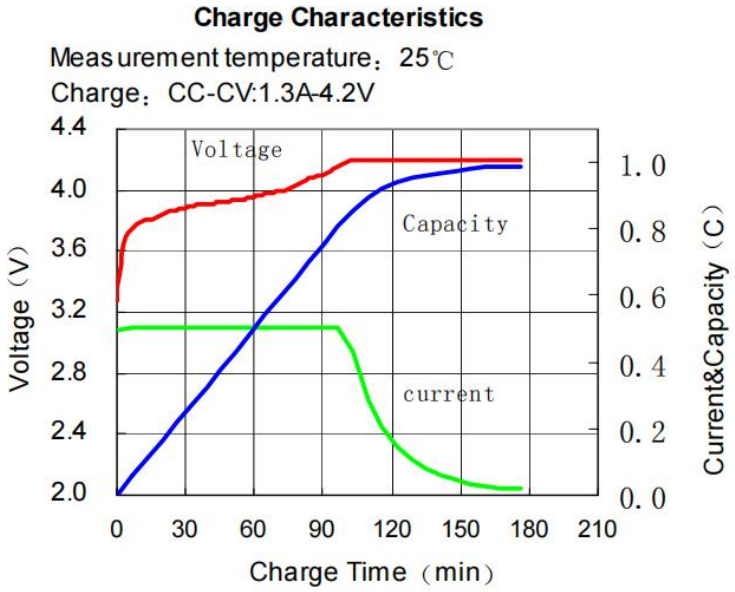


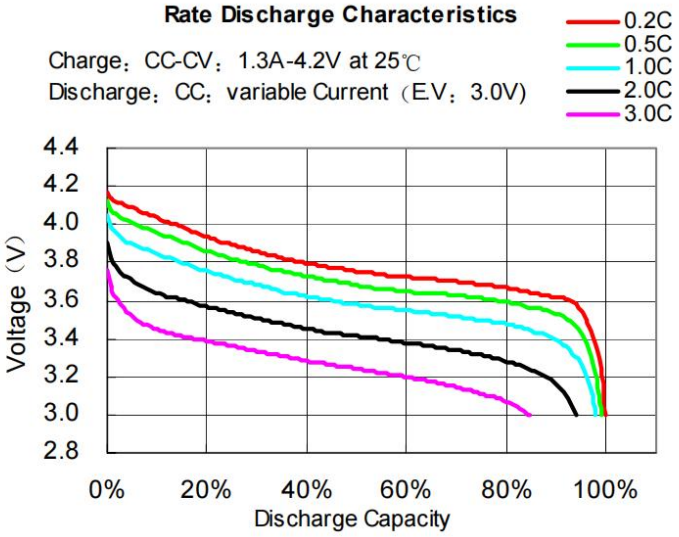
CERTIFICATION

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

- NEVER attempt to charge a one-time-use (non-rechargeable) Li-Ion or LiPo battery.
- Obtain recycling container from EHRS for all batteries except LiPo.
- LiPo batteries must only be charged with a manufacturer recommended LiPo charger.
- Have a class ABC or CO2 fire extinguisher nearby the storage area.
- Do not charge LiPo batteries in a vehicle or in the engine compartment of a vehicle.
- Store behind a fire door and where a fire alarm is situated.
- Monitor storage by means of suitable fire alarm
- Do not expose the battery to strong acids or alkalis.
- Store in fire protected, separate areas.
- Before starting work, if applicable, understand one-hand working techniques.
- For systems with multiple batteries, make sure each battery is of the same type and capacity.