

iPowerUltra 9V-800mAh Li-Polymer Battery Specification (IP9V-800):

Revision	(MAY 2022)	Note
Nominal capacity (Discharging Current 100mA, 0.2C)	800mAH	
Min. capacity (Discharging Current 100mA, 0.2C)	760mAH	
Nominal voltage	8.4V~6.0V (+0.0V/-0.2V)	
Discharge End Voltage	6.0V(+0.5V/-0.3V)	By different rate
Charging Model (With iPowerUltra Smart Charger)	Li-ion (Li-Polymer)	CC & CV
Charging Current (With iPowerUltra SmartCharger)	CC: 200mA	CV: 200~120mA
Charging Voltage	8.4±0.05V	
Nominal Discharging Current	Up to 800mA (1C)	
High Rate Discharging Current	Up to 1000mA	
Max. Discharging Current	Up to 2000mA, 5 sec.	May be short life
Over Current Protect	2.5~3.5A	
Over Voltage Protect	8.50V ±0.05V	
Low Voltage Protect	6.0V(+0.5V/-0.3V)	
Internal Resistance	≤ 500mΩ	
Storage Temperature	32~95 degree F	0~35 degree C
Std. Charge Temperature	32~95 degree F	0~35 degree C
Std. Discharge Temperature	14~104 degree	-10~40 degree C
Low Temperature Discharge (-20~-10 centigrade degree)	> 65% (450mAh)	
Std. Charge / Discharge Cycle Life (100 times / 3 months)	> 65% (450mAh)	
Size	47.5* 25.5* 16.4mm	
Weight	34.0g ± 0.5g	
Note: High Rate Charge & Discharging (over 800 mA) and High Temperature (over 104 degree F/ 40 degree C) should be losing cycle life.		

IMPORTANT WARNING:

For optimum performance:

- * **To extend the shelf life of the battery, recharge the battery every 3 months fully in storage.**
- * Always charge the battery fully before storage.
- * **Please charge this batteries with the specified *iPowerUS 9V Charger (FC-9V4LN & BC-9V4L) ONLY!!***
- * Please setup the specified charger switch on the *Li-ion (Li-Polymer)* mode.
- * Using other chargers will damage or shorten the battery's life.

Note:

3 month limited warranty for "DC9V-800mAh Li-Polymer Battery":

This product carries a 3 months warranty from date of purchase against defects in materials and workmanship. This warranty does not cover damages resulting from accidents, misuse, short circuit, and charging with other brand chargers.

(* Note: Charging with other brand chargers will damage the protection circuit inside the battery.)

If the product should become defective within warranty period and under the above mentioned conditions, please return it to the store you originally purchased it with proof of purchase for repair or replacement free of charge.