

**DC9V 700mAh Li-Polymer Battery Specification:****Model: IP9V-700**

| Revision  | Ver.02 (NOV 2017)       | Note              |
|---|-------------------------|-------------------|
| Nominal capacity (Discharging Current 100mA, 0.2C)  | 700mAh                  |                   |
| Min. capacity (Discharging Current 100mA, 0.2C)   | 665mAh                  |                   |
| 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 iPowerUS 9V Fast Smart Charger)  | Li-ion (Li-Polymer)     | CC & CV           |
| Charging Current (With iPowerUS 9V Fast SmartCharger)   | CC: 300mA               | CV: 300~120mA     |
| Charging Voltage  | 8.4±0.05V               |                   |
| Nominal Discharging Current   | Up to 700mA (1C)        |                   |
| High Rate Discharging Current   | Up to 1000mA            |                   |
| Max. Discharging Current  | Up to 2000mA, 5 sec.    | May be short life |
| Over Current Protect  | 2.5~5.0A                |                   |
| 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  | 32.0g ± 0.5g            |                   |
| Note: High Rate Charge & Discharging (over 700 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 Fast Smart Charger 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-700mAh 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.

**Model: IP9V-700 pictures**

