

**iPowerMAX AA 1.5V 3610mWh Li-Polymer Battery Specification (IPAA-3610):**

Specification description	iPowerMAX IPAA-3610
Appearance	Black label
Battery nominal capacity (Discharging 100mA, 0.2C)	3610mAh @1.5V
Battery Min. capacity (Discharging 100mA, 0.2C)	3250mAh @1.5V
Battery discharge nominal voltage	1.5V Constant Voltage
Battery discharge end Voltage	1.5V to 0V
Battery charging model (with iPowerMAX AAUC8 charger)	Constant Current (CC) & Constant Voltage (CV) & <b>Trickle charge</b>
Battery Charging Display	<b>Red Ring Light</b>
Battery charging voltage	<b>5.0V (4.35V~6.0V) Wide voltage</b>
Battery charging over voltage protect	<b>&lt; 6.0V</b>
Battery charging current (with AA8-Charger)	120mA~500mA
Battery nominal discharging current	Up to 1000mA
Battery high-rate discharging current	Up to 1500mA @1.5V (250mA@12V)
Battery Max. discharging current	Up to 2000mA @1.5V, 10 sec, (500mA@12V)
Battery discharging over current protect	< 2500mA@1.5V (3000mA Max.)
<b>Battery Max. operation Voltage</b>	<b>12V (series 8 pcs)</b>
Li-Polymer cell nominal voltage	3.8V
Li-Polymer cell nominal capacity	3.8V 950mAh=3610mWh
Li-Polymer cell Min. capacity	3.8V 880mAh=3344mWh
Li-Polymer cell over voltage protect	<b>4.35V / 6.0V Daul-stage protection</b>
Li-Polymer cell low voltage protect	2.80V
Storage Temperature (centigrade degree)	0~40°C (32~104 °F)
Std. Charge Temperature (centigrade degree)	0~40°C (32~104 °F)
Std. Discharge Temperature (centigrade degree)	-10~-45 °C (14~113 °F)
Low Temperature Discharge (-20~-10 °C)	> 65%
Std. Charge / Discharge Cycle Life (100 times / 3 months)	> 80%
Size	Ø14 * 50 mm (AA/LR6)
Weight	18.5g ± 0.5g

**IMPORTANT WARNING:**

- \* Please charge these batteries with the specified ***iPowerMAX Exclusive Fast Charger*** ONLY!!
- \* High Rate Charge & Discharge (>750mAh) and High Temperature (>40°C/104 °F) should be losing cycle life.
- \* **Do not connect more than the specified number of batteries (Cannot be higher than 12V).**
- \* **Do not use in toys (racing car, air plane, helicopter, boat & other motor powered toy).**
- \* To extend the shelf life of the battery, recharge the battery every 3 months fully in storage.
- \* Always charge the battery fully before storage.

**Note:****3 months limited warranty for "AA 1.5V 3610mWh Li-Polymer Battery"(IPAA-3610):**

This product carries a 3 months warranty from date of purchase against defects in materials and workmanship. This warranty does not cover damage resulting from accidents, misuse, short circuit, and dose not charges with specified chargers. 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.