

AA 1.5V 2600mWh Li-Polymer Battery Specification: Model: IPAA-2600

Revision	Ver.022 (DEC 2017)	Note
Battery nominal capacity (Discharging 100mA, 0.2C)	1730mAh	@1.5V
Battery Min. capacity (Discharging 100mA, 0.2C)	1580mAh	@1.5V
Battery discharge nominal voltage	1.50V	Constant Voltage
Battery discharge end Voltage	1.50V	Constant Voltage
Battery charging model (with iPowerUS AA8-Charger)	CC & CV	
Battery charging voltage	4.2 ± 0.05V	
Battery charging current (with iPowerUS AA8-Charger)	120mA~450mA	
Battery nominal discharging current	Up to 500mA	
Battery high-rate discharging current	Up to 750mA	
Battery Max. discharging current	Up to 2000mA, 5 sec.	May be short life
Battery Max. operation Voltage	6.0 V	
Li-Polymer cell nominal voltage	3.7V	
Li-Polymer cell nominal capacity	710mAh	=2627mWh
Li-Polymer cell Min. capacity	650mAh	=2405mWh
Li-Polymer cell over voltage protect	4.30V ± 0.05V	
Li-Polymer cell low voltage protect	2.40V	
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 centigrade degree)	> 65% (1000mAh)	
Std. Charge / Discharge Cycle Life (100 times / 3 months)	> 65% (1000mAh)	
Size	Ø14 * 50 mm	(AA/LR6)
Weight	17.5g ± 0.5g	
Note: High Rate Charge & Discharging (over 750mAh) and High Temperature (over 40°C, 104 °F) should be losing cycle life.		

IMPORTANT WARNING:

- * Please charge this batteries with the specified ***iPowerUS AA Fast Smart Charger*** ONLY!!
- * This is a dual mode charger. Please make sure the switch is on the ***Li-ion (Li-Polymer)*** mode when charging Lithium batteries and use the NiMH mode when charging NiMH Batteries.
- * Do not charge iPowerUS AA 2600mWh Battery using other (Ni-MH/Ni-CD) charger, it will damage or shorten the battery's life.
- * **Do not connect more than 4 batteries (Cannot be higher than 6V).**
- * **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 2600mWh Li-Polymer Battery"(IPAA-2600):

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.