

Specification

Of

Smart Charger (1.5A) for 3.7V Li-ion/Polymer Rechargeable Battery Pack (5.5mmx2.1mm Barrel Plug) -- CE/UL listed



AA Portable Power Corp (<http://www.batteryspace.com>)

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Prepared & Approved by Max (01/05/10)

● WARNING

1. Use with proper type LI-ION/POLYMER BATTERY PACK ONLY. Please make sure your battery voltage is matched with your charger Label (3.7V). IF NOT, THIS CHARGER WILL NOT CHARGING OR YOUR BATTERY WILL BE DAMAGED.
2. Never charge other type of batteries such as NiMH / NiCD Battery or Lead-acid battery pack, as this may cause property damage or even personal injury.
3. This battery charger is for indoor use only, NEVER EXPOSE the charger to rain or snow.
4. Hi-voltage dangerous inside, DON'T OPEN THE COVER.
5. Unplug this product from the wall outlet and refer servicing to qualified service personnel under the following conditions:
 - a) When the power cord or plug is damaged or frayed.
 - b) If liquid has been spilled into the charger.
 - c) If the charger casing has been dropped and damaged .
 - d) If the charger does not operate normally when the operating instructions are followed.
6. Make sure good ventilation is provided when charger operating. Don't place the charger near radiator, heat register or similar heat source when charging.

● Operate setup.

See fig. 1, connect AC power plug, LED will be green. Connect DC battery plug, LED will be Red .when charging finished(it will take 4-5 hours different depend on how much energy stored in battery), LED will change to Green automatically. Remove AC plug and DC plug, end of charging.

● **Brief Introduction**

3PL1004-3.7V is a smart battery charger designed for **3.7V Li-ion/polymer battery**. This device uses an **operate-amplifier** to control charge and maintenance **Li-ion/polymer battery** automatically. **Red color of LED** indicates main charging stage, **Green color** means end of charging and enter maintenance mode stage (Trickle charging). The charger will enter trickle mode when the charging current is less than **1/10** of the charging current or on the **Hi-level constant voltage stage**.

● **Specification**

Rating AC Input: 100 -240VAC

Rating current:0.2A

Max.input power:16W

Rating frequency:50/60Hz

Rating output: Vout:4.2V 1.5A

Suit Battery: 3.7V Li-Ion battery pack capacity >1500mAh

Protection: Output shorted protection or overload will be safe.

LED Indicator:Red Charging,Green Finished/Maintenance.

Efficiency:>70%

Operate Temperature: -10°C~+40°C

Humidity: <+90

● Caution and Guaranty

1. Please make sure the battery you charged have a proper `+` and `-` connector.
2. Make sure your battery voltage is matched with your charger label.
3. Indoor use only, don't raining or splash.
4. Hi-voltage dangerous, don't open the cover.
5. One year use gunrantee.

Configuration

