

**USER MANUAL**

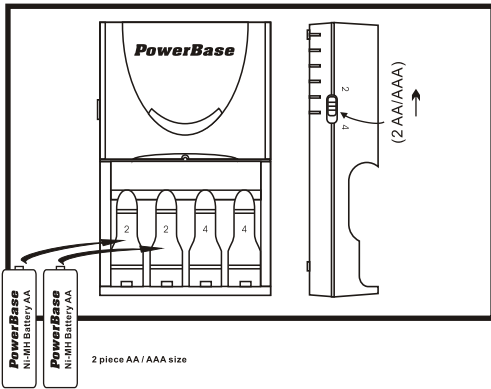
Congratulation on your purchase of the outstanding PowerBase Switching Rapid Charger C-401. This manual will help you understand how to operate this Charger and Batteries.

**FEATURES OF C-401 RAPID CHARGER**

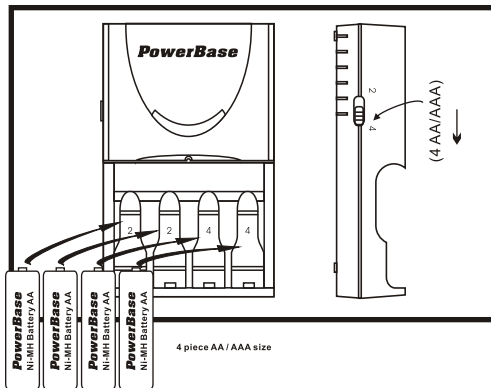
- 2 or 4 AA / AAA size Ni-MH batteries can be charged.
- Blue & Red LED Indicator for standby, charging and complete states.
- Trickle pre-charge and trickle maintain functions.
- Adopt non-continuum pulse charging current to avoid memory effect. It enhances the charging efficiency and reduce the temperature of the batteries. So, the batteries will has better performance and longer cycle life.
- Can be used in indoor by an AC adaptor or outdoor by 12V DC car adaptor.
- Possess reverse polarity protection.

\*C-401 Charger is designed to charge 2 or 4 AA / AAA sizes Ni-MH batteries. Please refer to the combinations below;

**(1) For 2 AA or AAA size Ni-Mh Cells.**



**(2) For 4 AA or AAA size Ni-Mh Cells.**



NOTE : Never put Ni-MH and Ni-Cd batteries together in the PowerBase Rapid Charger

**CAUTION**

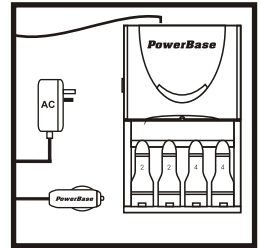
1. Do NOT recharge Ni-Mh & Ni-Cd rechargeable batteries at the same time.
2. This product is designed for Ni-Mh & Ni-Cd rechargeable batteries only. To avoid personal injury and damage, do not charge any primary alkaline, zinc chloride, or zinc carbon type batteries.
3. Do not expose the charger to rain or moisture.
4. Do not operate the charger using an extension cord.
5. Do not use the charger if it has received a sharp blow, been dropped, Or damaged in anyhow.
6. To reduce risk of shock, disconnect the AC power source (AC adaptor) from outlet before attempting any cleaning of the charger.
7. Do not charge a leaking, corroded or dead battery.
8. Do not attempt to repair charge by yourself, when service or repair is required. Contact qualified service personnel.
9. Do not try to disassemble the charger.
10. Store the charger in a cool and dry place when not in use. Keep away from children.

**PLEASE NOTE:**

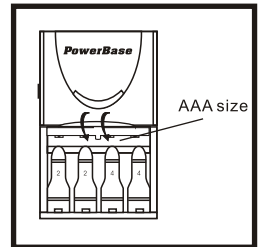
\*PowerBase Industrial (HK) Ltd. will not be responsible for any personnel loss and/or injury if the defect was caused by misuse or mishandling by the user in any way.

**CHARGER OPERATION**

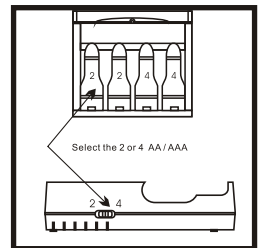
1 : Connect the power supply by AC/DC adaptor or 12V car DC adaptor. The Blue LED will be light up that indicate the charger in standby state.



2 : Put the button on the upright position when charging AA or put the button on the level position when charging AAA batteries.



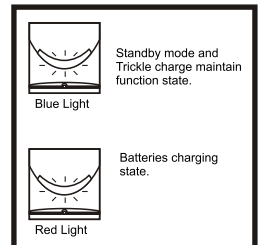
3 : Charge 2 piece batteries, put the switch to mark ' 2 ' location. When charge 4 piece batteries, put the switch to mark ' 4 ' location.



4 : The charger will Automatically detect and charging when the batteries put correctly.

Blue LED light up when the charger is in standby mode.  
Red LED light up and flash that indicate the batteries to charging in a high speed.

After fully charged the LED will change to Blue from Red. Then, the charger is going to trickle current.



**CHARGER SPECIFICATION :**

<b>International Voltage</b>	Switching : 100~240V 50~60Hz (UL, VDE, SAA, JIS) 12V DC Car Adaptor
<b>Battery Type / Size</b>	Ni-MH AA & AAA Batteries
<b>Charging Current</b>	2000mA ~ 2500mA / AA 1000mA ~ 1300mA / AAA
<b>Charging Mode</b>	Pulse charging current
<b>Trickle Charge</b>	Trickle pre-charge and trickle maintain function
<b>Termination Method</b>	Minus Delta V (-ΔV)
<b>Timer Cut-off function</b>	90 minutes charging time limit
<b>Operation Temperature</b>	-10°C ~ 40°C