

USER MANUAL

Congratulation on your purchase of the outstanding PowerBase Switching Rapid Charger C-412. This manual will help you understand how to operate this Charger and Batteries properly.

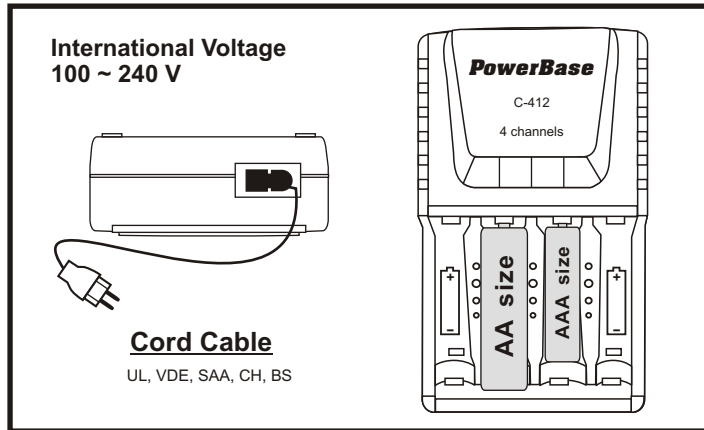
FEATURES OF C-412 RAPID CHARGER

- 1,2,3 or 4 AA /AAA size Ni-MH batteries can be charged.
- Green & 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 have better performance and longer cycle life.
- Used only in indoor by AC power outlet.
- Possess reverse polarity protection.

*C-412 Charger has 4 individual charging channels. It is designed to charge either 1, 2, 3 or 4 AA / AAA sizes rechargeable batteries. Both of AA and AAA can be charged at the same time. Please refer to the combination below.

**For initial use, the batteries may require 2~3 cycles to obtain their maximum capacity.

Four Individual Channel



CAUTION

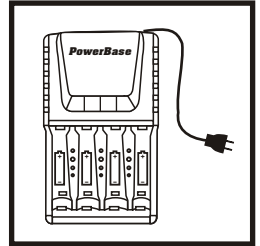
1. Do NOT recharge Ni-Mh & Ni-Cd rechargeable batteries at the same time.
2. This product is designed for Ni-Mh rechargeable batteries only. To avoid personal injury and damage, do not charge any primary alkaline, zinc chloride, or zinc carbon type batteries.
3. Do not expose the charger to rain or moisture.
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 charger 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:

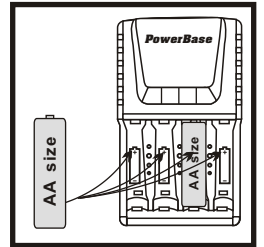
*PowerBase Industrial (HK) Ltd. will not be responsible for any personnel loss and/or injury if the defect was caused by misuse or mishandling by the user in any way.

CHARGER OPERATION

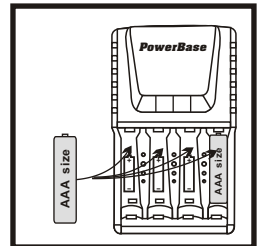
- 1 : Connect the power supply by AC/DC adaptor or 12V car DC adaptor. The Green LED will be light up that indicates the charger in standby state.



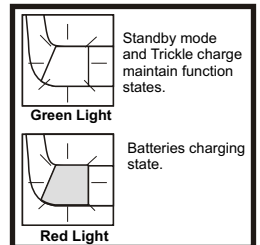
- 2 : Either 1, 2, 3, or 4 AA size batteries can be charged at the same time.



- 3 : Either 1, 2, 3, or 4 AAA size batteries can be charged at the same time.



- 4 : Green LED light up when the charger is in standby mode. Red LED light up and flash that indicates the batteries is being charged in a high speed.



After fully charged, the LED will change to Green light from Red. Then, the charger will go to trickle charge maintain state.

CHARGER SPECIFICATION :

International Voltage	Switching : 100~240V 50~60Hz (UL, VDE, SAA, BS, JIS)
Battery Type / Size	Ni-MH AA & AAA Batteries
Charging Current	1 x AA / 1800mA ; 1 x AAA / 1100mA 2 x AA / 900mA ; 2 x AAA / 550mA 3 x AA / 600mA ; 3 x AAA / 400mA 4 x AA / 450mA ; 4 x AAA / 300mA
Charging Mode	Pulse charging current
Trickle Charge	Trickle pre-charge and trickle maintain function
Termination Method	Minus Delta V (-ΔV)
Operation Temperature	-10℃ ~ 40℃