

USER MANUAL

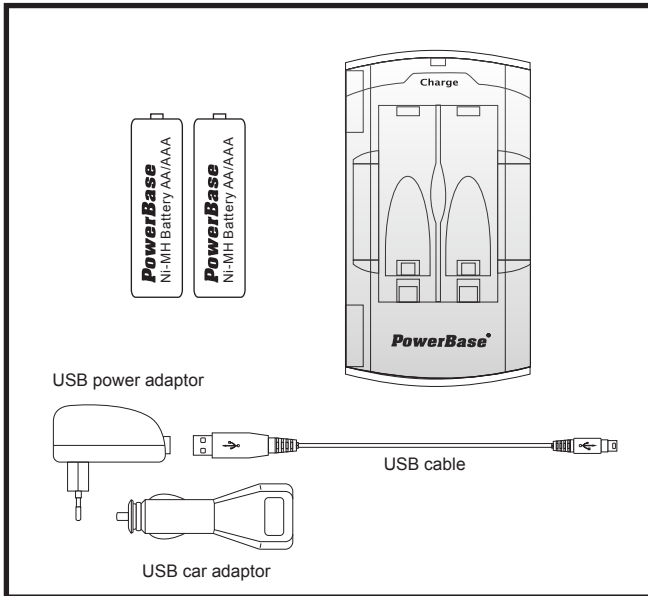
Congratulation on your purchase of the outstanding PowerBase C-515 Multi Functional Output CHARGER. This manual will help you understand how to operate this Charger and Batteries.

FEATURES OF C-515 RAPID CHARGER

- International Voltage 100~240V
- USB power input
- 2 AA / AAA Ni-MH batteries can be charged
- Small in size and easy for carrying and using
- Short circuit and timer protections
- Red & Green LED Indicators
- Automatic batteries fully charge cut-off
- Can be used in indoor by USB power adaptor or outdoor USB car adaptor
- Possess reverse polarity protection

* C-515 Charger is designed to charge 2 AA / AAA sizes Ni-MH batteries. Please refer to the combinations below:

For 2 AA / AAA size Ni-Mh Cells.



Note: Charger can only perform either "Charging" or "Output" function. It cannot perform both function at the same time.

CAUTION

1. Open the cover during charging. It helps to reduce the high temperature created during the charging process.
2. This product is designed for Ni-MH rechargeable batteries only. To avoid personal injury and damage, do not charge any primary alkaline, zine chloride, or zinc carbon type batteries.
3. Do not expose the charger to rain or moisture.
4. Do not operate the charger with 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 power 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. Always disconnect the charger from the mains when not in use.
11. Store the charger in a cool and dry place when not in use. Keep away from children.

PLEASE NOTE:

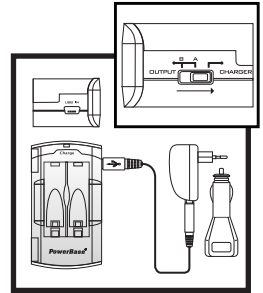
*PowerBase Industrial (HK) Ltd. will not be responsible for any personnel loss and/or injury if the defect was caused by misuse or mishandling by the user in any way.

**USB Power Adaptor & USB Car Adapter can only be used for C-515, not directly used for mobile phone or ipod.

CHARGING OPERATION

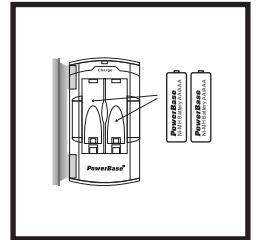
1. Switch the button to "Charger" position. Connect the USB cable to:

- Desktop or notebook computer
- USB power adaptor
- USB car adaptor



2. Select the type of batteries to be charged - AA or AAA size. Place 2 pieces AA or AAA size batteries for charging process.

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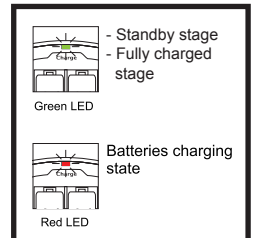


! Keep the cover open when charging

3. Indications of RED and GREEN LED Light.

Red LED Light - will turn on to indicate the charger is charging the batteries.

Green LED Light - will stay on when the charger is in standby stage, without battery. - will also turn on when the batteries are fully charged.



* When batteries are fully charged, remove the USB cable from the charger and prepare for the output process.

Battery Charge Time :

Chemistry & Size	Battery Capacity	*Charging Time (Approximate)
Ni-MH AA	2500 mAh	5.5 hours
Ni-MH AA	2300 mAh	5 hours
Ni-MH AAA	1000 mAh	2.2 hours

* The charging time is only for general reference. For detail of different charging time require, please see the PowerBase battery specification and contact PowerBase for the latest information.

SPECIFICATION of C-515 charger

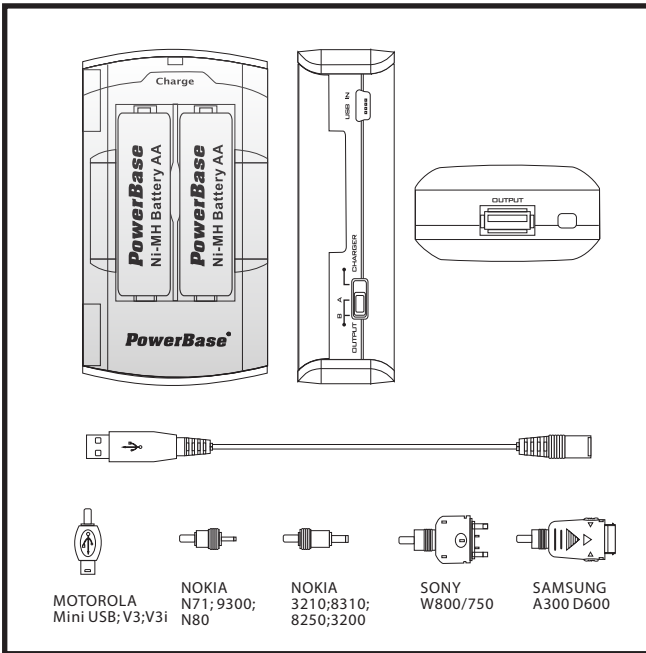
Input Voltage	USB, DC 5V, 500mAh
	USB Power Adaptor AC 100-240V (UL, VDE, BS, SAA plugs)
	USB Car Adaptor DC, 12V
Battery Type / Size	Ni-MH AA & AAA Batteries
Charging Current	2 x AA : 450 mA
	2 x AAA : 450 mA
Output (A)	5V , 300 mA
	For : iPhone series, iPod series
Output (B)	5.6V , 300 mA
	For : Mobile Phones, Game Players (PSP, NDS)
Trickle Charge	Continuous 10mA ~ 20mA
Termination Method	Minus Delta V (-ΔV)
Timer Protection	5.5 hrs.
Operation Temperature	-10°C ~ 40°C

OUTPUT PROCESS

Output Process of POWERBASE C-515 Multi functional Charger.

- Portable Emergency Power Back up for peripheral Equipment.
- USB Output for various devices with USB outlet.
- **Suitable for equipment:**
 - "A" position: iPhone & ipod series
 - "B" position: Mobile phone
 - MP3/MP4 players
 - Game players (PSP, NDS)
- 2 pcs of AA Ni-Mh batteries are required for any Output function through the C-515 Output channels.
- After the AA / AAA batteries are fully charged, these batteries can also be used for other application.
- Alternative power source for emergency use:
 - If the fully charged AA/AAA batteries in C-515 have consumed most of its remaining capacity, and min. recharge time would not be allowed at that moment, 2 pcs of **Alkaline** batteries can be placed inside The C-515 in order to provide output power to various units.

(1) Output process with accessories.



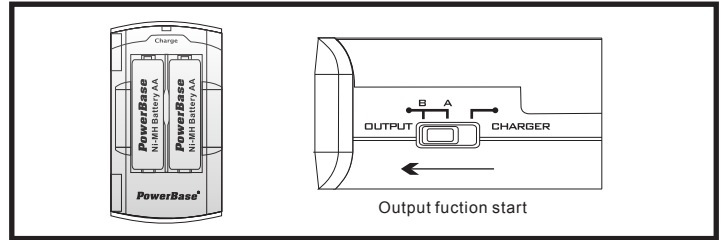
Note: Never put Ni-MH with other kinds of batteries together in the POWERBASE C-515 Multi Function Output Charger.

CAUTION

1. For best result of output, please make sure the batteries in the charger are fully charged.
2. Do not put different types of battery (Ni-Cd/ Alkaline/ Ni-Mh in difference capacity) mixed together during the stage of Charging or Output.
3. When not using the charger or batteries, please take out the batteries from the charger.

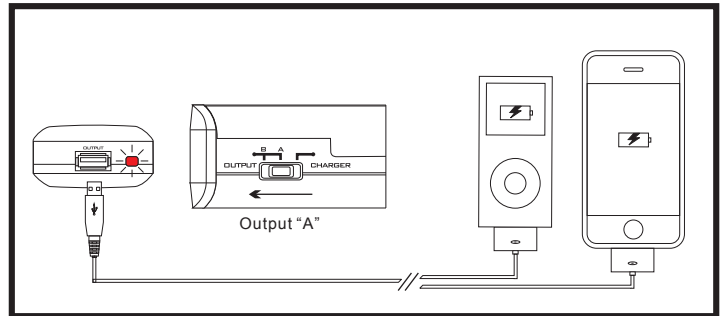
OUTPUT PROCESS PROCEDURES

- 1: Place 2 pieces of **Fully Charged** AA/AAA batteries into the C-515 charger. Switch the button to **Output "A"** or **"B"** position, LED red light will turn on to show that the **Output** function is ready to start.



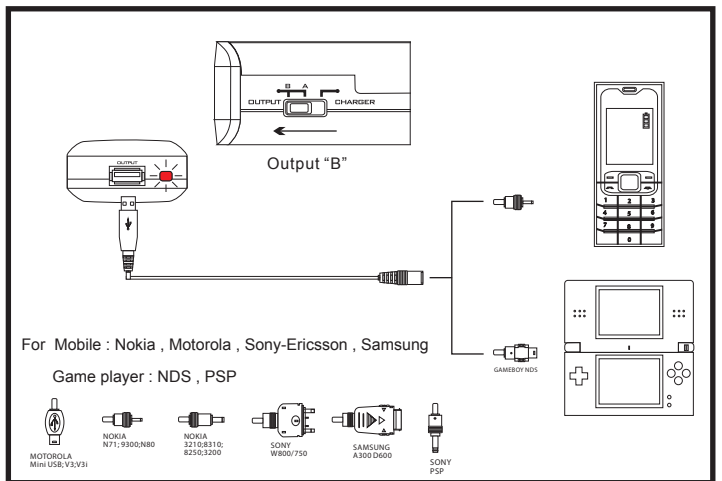
2: Output "A"

Switch to Output "A" position and connect the USB cable to iPod or iPhone, the charging process will start automatically.



3: Output "B"

Switch to Output "B" position and connect the USB cable/booster with the selected suitable plug to various devices such as mobile phone, game players or mp3/mp4 player. The charging will start automatically.



- 4) After fully charged the selected devices, unplug the cables and switch the button back to the **"Charger"** position. RED LED light will turn off immediately and the output process will be stopped. For safety reason, please take off the batteries from the C-515 charger after used.

