

ZI5 Ni-MH Battery Charger

Thank you for your choice! Read the instructions carefully before using the device.

Precautionary measures

- Do not cover the device during charging.
- Do not charge incompatible batteries.
- For optimum performance, use ZI5 / ZI7 Ni MH batteries or Panasonic eneloop Ni MH batteries.
- Do not touch the device with wet hands.
- Do not immerse the device in water, do not spray water or snow, do not use it in a humid room (for example, in a bathroom).
- Disconnect the device from a power supply after use.
- In case of hit, falling or damage to the device, do not use it.
- Do not disassemble or modify your device.
- Do not use the device in direct sunlight.

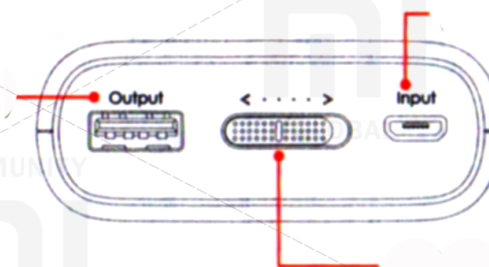
Specifications

Model: PB400;
Input voltage: 5.0V / 1.0A;
Output voltage: 5.0V / 0.5A;
(AA) 1.5V AA: 550mA x 4;
(AAA) 1.5V AA: 225mA x 4;
Dimensions: 77 x 63 x 24.5mm;
Operating temperature: 0-40 ° C.

Overview of ZI5 Ni-MH Battery Charger

USB (output)

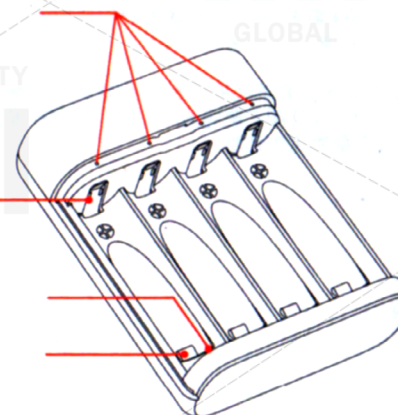
Micro USB (input)



Charge / discharge switch

Mode switch (Input - for charging the battery, Output - for charging external portable devices)

LED indicators

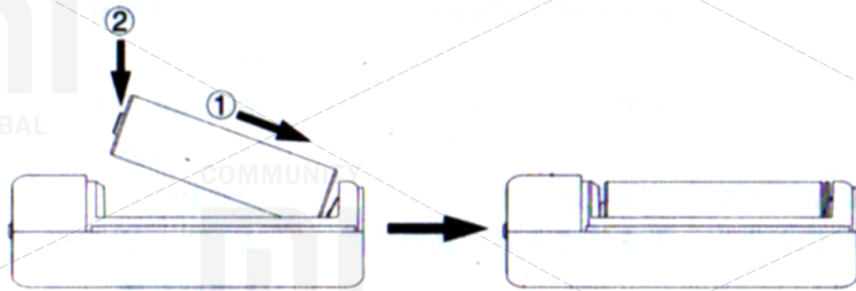


Positive pole (anode)

AA Negative pole (cathode)

AAA Negative pole (cathode)

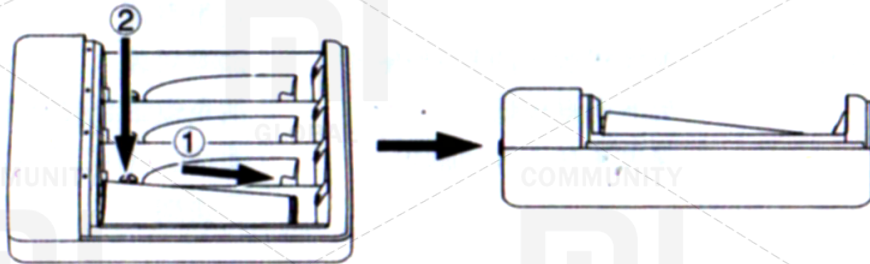
Charging



Installing AA battery

Switching the button to the Input side, charge nickel AA and AAA batteries (any combination).

1. Ensure that anode and cathode of a battery are in proper contact with anode and cathode of the device. Insert batteries into the device in the direction, shown at the picture.



Installing AAA battery

2. Recharge batteries by connecting the Micro USB port of the device to a 5V DC power supply.

3. Slowly flashing LEDs indicates a normal charging process; A constantly lit LEDs indicates that the battery is fully charged.

In the following table you will find general information about the duration of recharging. This data can vary depending on temperature and current state of a battery.

Battery		Charging time	
		1-2pc	3-4pc
AA	ZI5	About 2 hrs.	About 4 hrs.
AAA	ZI7	About 1.7 hrs.	About 3.7 hrs.

The above-mentioned charging time of a batteries is accounted on the input voltage of 5V / 1A, from 0% to 100% of charging of batteries. The charging time depends on a level of remaining charge and an ambient temperature.

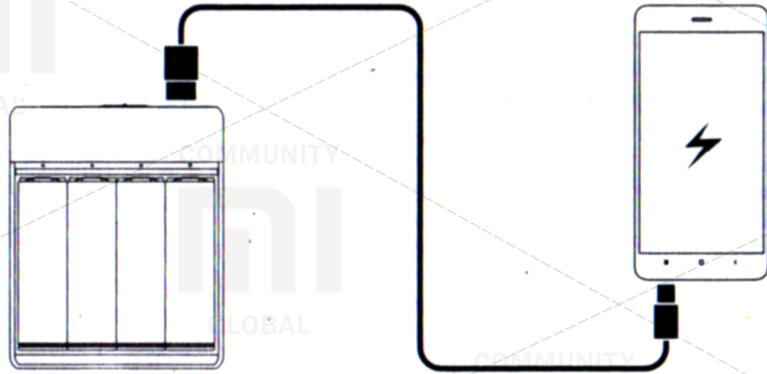
If you add another battery to the device (when charging a batteries), a charging time increases.

It is possible after the battery is completely recharged, if a battery has not been removed from the device in time, an indicator will light up again and the device will re-charge it. To determine that a battery is fully charged and to stop a power supply, the device needs a certain amount of time. This does not indicate a malfunction of the battery charger or battery.

Status of LED indicators

Working status		Indicator status
Battery charging	Normal charging	Indicators blink slowly
	Full charge	Indicators constantly lit
	Problems	Indicators blink fast
Charging/Recharging of other devices	Normal charging	4 indicators blink alternately
	Problems	Indicators not lit

Charging other devices in an emergency



Use the Output to charge portable external devices.

1. Insert 4 AA batteries (use 4 fully charged batteries for maximum efficiency.) Insufficient battery power can reduce an output power.
2. Alternately flashing indicators indicate the normal charge of the device (see Table of Device Indicators).
3. This device supports an output current of 5V / 500mA as an emergency power supply.

The presence of toxic and harmful substances

Name of a part	Pb	Hg	Cd	Cr6+	PBB	PBDE	PBDE
Circuit board	X	O	O	O	O	O	O
Housing	O	O	O	O	O	O	O
Little components	O	O	O	O	O	O	O

O: Toxic and harmful substances in all components of this device are contained in an amount below the limit value, according to SJ / T11363-2006 «Requirements for limiting the presence of toxic and harmful substances in goods.»

X: Indicates the presence of toxic and harmful substances in at least one of the components of this device, in an amount exceeding the limit value, according to SJ / T11363-2006 «Requirements for limiting the presence of

toxic and harmful substances in goods.»

This product complies with the European RoHS and environmental standards; International relevant organizations still can not replace or reduce lead content in the printed circuit and other components of the device.

In the terms of environmentally safe use it is indicated, that under normal operating conditions no leakage of harmful substances or elements of the device and its components is possible. During a use of electronic information devices by consumers, there is no harmful effect on the environment, on human health, they can not cause any serious injuries.

Warranty

Warranty service is carried out in accordance with the law on «Consumer Rights» and «Product Quality Law». Warranty service includes:

During the warranty period, you have the right to repair, change or return the goods. To repair, replace or return a goods, you must have a receipt.

1. In the case of an unreasonable return of a goods within 7 days after the purchase, the buyer incurs the cost of its transportation;
2. In case of breakdowns from the «Fault List», after checking and determining a cause of the problem, you can use the following services:

Type of service	Terms of service
Returning goods	In case of problems with the quality of the goods, you may return the goods within 7 days after signing the guarantee
The exchange of goods	In case of problems with the quality of the goods, the goods can be replaced within 15 days after signing the guarantee
Warranty repair	In case of problems with the quality of goods possible free product warranty for 1 year after the signing of guarantees

Troubleshooting

Follow the steps, outlined below. Please stop using the device.

Faults	The causes of problems	Solutions
Indicators off	Improperly installed battery	Insert the battery correctly
	Poor contact between the battery and the device	Wipe contacts, using a dry cloth or towel
	The use of disposable batteries	Do not use disposable batteries
Indicators off or blinking fast	Battery is damaged	Use a new battery
	Ambient temperature is too low or too high	Use the device in rooms with a temperature of 0-40 ° C
Charging is too long	Insufficient input voltage	We recommend using the input voltage 5V / 1A or higher
Problems with charging of other devices	Non-simultaneously setting four batteries AA	Simultaneously install four AA batteries
	Insufficient battery	Recharge or use new batteries are fully charged
	The ambient temperature does not meet standards	Use the device in rooms with a temperature of 0-40 ° C

List of Faults

Fault	
ZI5 Ni-MH Battery Charger	Cracks / breakage due to design or material of the device
	Problems with charging nickel ZIAA / ZIAAA battery
	Problems with charging other devices in an emergency
	Problems of button switch

Conditions, that are not included in the warranty service

1. Completion of maintenance, fall, negligence, abuse, liquid penetration, accident, damage to the label and labeling of the device;
2. The warranty has expired;
3. Damage, caused by force majeure;
4. Breakdowns, that do not correspond to the «Fault List» of the Xiaomi Service Center;
5. Breakage of the device or its components from the «List of Faults», that have arisen in connection with the human factor and which prevent its normal operation.

Manufacturer: Jiangsu Zimi Technology LLC.

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