

RUGGED LIGHTWEIGHT DUAL PURPOSE CHARGER POWERCHIMP 4A



powertraveller
without boundaries™



1 powerchimp 4A unit



6 converter compartment

4



5



Charging AA rechargeable batteries

To charge AA batteries, simply slide open the unit and slot the batteries into the cradle according to the polarity shown in the picture below. Due to the powerchimp 4A's independent charging feature, you can charge up to four batteries at the same time and the 4 LED charging indicators will tell you when each battery is fully charged (Please see LED charging indicators for details of how the lights work.)



Charging AAA rechargeable batteries using the AA to AAA battery converter

If you wish to recharge 4 x AAA batteries at the same time, the kit contains an AA to AAA battery converter that is stored securely within a small compartment (6) at the base of the powerchimp 4A unit (1). With the lights on the top, simply place your thumb over the small notch at the bottom of the unit and lift the small flap. Tip the battery converter out from the compartment. Remove the 4 x AA batteries from the cradle. Insert the converter into the top of the battery tray along the positive terminal and then insert your AAA batteries. Always store the converter in the compartment when not in use.

Please note: AAA rechargeable batteries are NOT included.



Charging different size rechargeable batteries at the same time

You do not even need to charge the same make of battery at the same time as the powerchimp 4A device will charge any make or model of AA or AAA rechargeable batteries simultaneously using the 2 x AAA to AA battery adaptor tubes provided (5).

Please note: AAA rechargeable batteries are NOT included.



How to charge rechargeable batteries using powerchimp 4A

This useful, innovative and unique battery charger will recharge up to 4 x AA, 4 x AAA rechargeable batteries or a mixture of the two at any one time, thanks to its independent charging features.

Via USB

Attach the powerchimp 4A (1) to a computer using the supplied USB to micro USB charging cable (2).

Via solar panel

Attach the powerchimp 4A (1) to a solargorilla or powermonkey extreme solar panel using the supplied USB to micro USB charging cable (2). Please note, powerchimp 4A is not suitable for use with solarmonkey adventurer.

The powermonkey extreme solar panel and solargorilla take between 12 to 24 hours to fully charge the powerchimp 4A.

Via other Powertraveller devices

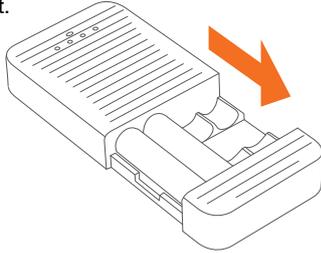
The powerchimp 4A can also be connected to other Powertraveller devices to charge. Attach the powerchimp 4A (1) to either the powergorilla or minigorilla (via 5V USB socket) using the supplied USB to micro USB charging cable (2).

The powermonkey extreme, minigorilla and the powergorilla take approximately 10 hours to fully charge the powerchimp 4A.

How to open the unit

If the unit is closed, hold the back of the unit firmly in one hand, so the lights are at the top, grip both sides of the bottom of the unit with your other hand and pull the top and bottom sections apart.

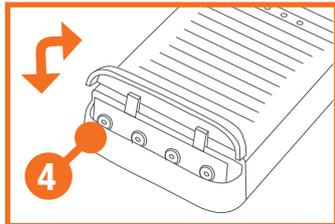
Please note: Always remove cable before you open the unit.



Recharging 5V devices via micro US

To recharge a 5V USB device (Smartphone, GPS, SatNav, etc) from the powerchimp 4A, attach the micro USB to female USB cable (3) to the powerchimp 4A (1) and use the USB cable that came with your device to attach to the female USB socket (3).

You can also use standard AA batteries to recharge 5V USB device.



Tips and other Powertraveller products can be purchased from

www.powertraveller.com

For customer support, email us at support@powertraveller.com

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Designed and developed in the UK

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Single LED output light



When the powerchimp 4A is charging a 5V device and the female USB to micro USB cable (3) is still attached, the single LED output light at the top of the unit will illuminate solid green. This is not an indication of the device being fully charged.

Please note: You must always remove the cable when you are not using the powerchimp 4A to conserve the battery's power.



When the single LED output light turns from solid green to solid red while you are charging a device, this indicates that the battery capacity is getting low and it needs recharging.

If the output light illuminates solid red or does not show any light when the female USB to micro USB cable still attached, this means the wrong battery is being used or it is the wrong polarity. Please check the batteries are inserted correctly and remove cable to protect batteries from over-discharging. It can also mean that the batteries are low and that they need recharging.

6

LED charging indicators



The row of four LED input indicator lights will light up first red then green; this will repeat three times. Then the red light will light up once to determine which slots are in use.



Once the battery inside each compartment is fully charged, the corresponding LED will turn green.

POWERCHIMP 4A PARAMETERS:

- Input port: Micro USB
- Output: Standard USB
- Input: 5V 1A
- Output: 5V 800mA
- Weight (without batteries): 76g
- Weight (with batteries): 176g
- Dimensions: 65 x 98 x 22mm
- powerchimp 4A full kit weight: 315g (90x130x50mm)

RECHARGEABLE BATTERIES PARAMETERS:

- Chemistry Ni-MH (Nickel metal hydride)
- Capacity AA 1800mAh 1.2V
- Compliance IEC 61436-98

Caution: Do not dispose of batteries in fire, do not connect (+) and (-) with metal wire, do not directly solder anything to the battery, do not mix with other type of batteries when charging. Do not store batteries under high temperature or high humidity.



Due to its independent charging feature, each battery is charged independently. A red solid light indicates that the corresponding battery channel is charging. When the indicator light is not illuminated, the corresponding battery compartment is empty.



When non-rechargeable batteries are used, the corresponding LED input light will flash red slowly. You can only recharge rechargeable batteries. If batteries short-circuit, the input light will flash quickly.

Disclaimer: powerchimp™ is a registered trademark of Powertraveller Limited registered in the UK and Europe. Extreme weather conditions can affect battery efficiency. Do not open the casing or make any attempt to disassemble or modify the device as this will invalidate the warranty/guarantee. This may also result in the risk of fire, personal injury or damage to personal property. Keep out of reach of children at all times. Small parts can cause choking if swallowed. The information contained in this user manual is, to the best of our knowledge, true and accurate at the time of publication and is provided for information purposes only. Powertraveller accepts no liability for any loss or damage arising as a result of use or reliance on this information.