Ex-Pro Fast Universal Charger

User Manual

Overview

The Ex-Pro Fast Universal Travel Charger is a newly developed product for a variety of charging applications, which combine a car cigarette in-car charger, USB charger for directly charging USB Type devices using your existing USB cable, Mains travel charge using one of 3 selectable mains type plugs for direct mains charge and AA/AAA Ni-MH battery charger and Lithium battery charger function.

The unit any Li-ion battery (1.2v/3.6v/7.2v), AA/AAA Ni-MH chargeable battery with contacts facing in one direction (EG Contacts are not on the opposite side of the battery). The unit can also provide power / charge support to USB devices via the USB 5v output port included on the unit whether charging a battery or now, this unit will support most digital electronic devices using USB cables to charge such as Mobile phone, iPod, Digital Camera , Camcorder ,Mp3/Mp4 player, PDA etc..

Features

The Ex-Pro Fast Universal Travel Charger is designed based on the standard of CE,UL,FCC,CCC and integrates new technology: AC/DC Control, DC/DC Control, Voltage Auto- identify, Polarity Auto-identify, compulsory power act to over discharge battery. Suitable for all types of Li-ion batteries with an automatic function to identifying the type of battery, it's voltage and required charging current. The unit has polarity of negative and positive charges via an Intelligent IC with built-in decoding for lithium batteries. Providing a fast charging, very simple operation and a complete solution for almost all batteries currently on the market.

Specification

Input:① AC:100V-240V　60HZ/50HZ　150MA

② DC:4V-24V ---- 2A (Car Kit USB output)

Output: ①5V ---- 1A (USB output port for devices using USB to charge – cable not included）

②：1.5V/4.2V/8.4V --- 1A/0.65A/0.5A (Battery Voltage:1.2V/3.6V/7.2V)

③：4.2V/8.4V ------- 0.65A/0.5A

Application

Mobile phone (USB Cable required – not included)

iPod (Use your standard USB Connection cable – not included)

Mobile phone battery

AA chargeable battery

AAA chargeable battery

Any 1.2V,4.2V or 7.2V chargeable batteries providing +/- contacts are on the same side of the battery.

Mains charging, 2 Pin Flat standard connection, including adapters to UK 3 Pin standard and Euro 2 Pin Standard meeting CE standards.

Using method

1. Charging for Li-ion battery. Align the charger hardware touch pad with the one on the battery +/- terminals. Align the battery protection/decoding hardware touch pad (in the middle of the polarities) with those hardware touch pad on the battery, ensure the contacts are in place to charge.
2. When the charger is connected the power LED light will turn blue, when charging a Lithium battery the LED light will turn red. When the charger has finished the LED will turn off completely. The charging time is usually within 2 hours to 4 hours according to the different battery mAh capacity. Battery temperature at the range of 40℃~45℃ average.
3. Charging for AA/AAA Ni-Hi battery. The red LED light will be changed from bright to dark gradually, then from dark to bright again (slow blinking), When red Led light turns on fully and remains bright, the charger has finished. The charging time is usually within 2 hours to 4 hours according to the different battery mAh capacity. Battery temperature at the range of 40℃~45℃ average.
4. Charging for mobiles, MP3/MP4/iPod and other devices using a USB Cable to provide power/charge to the attached device. Cables for devices are not included.

5. When used in-car, insert the car kit end of the USB-Car kit cable into the car cigarette charger cable connect this into USB port of the charger, the charger will then function as if connected to mains, some charge times may differ slightly.

ATTENTION

1. USB output can be used together with either AA/AAA Ni-Hi battery or Lithium battery,
2. AA/AAA Ni-Hi battery and Lithium battery cannot be charged at the same time.
3. If the battery is over discharged, user should press the compulsory button to start charging this lets the charger begin the charging process in cases where the charge level cannot be detected.
4. Unit has automatic cut off however if left on this may cause the lights to indicate incorrectly, we would suggest charging and removing from charge after the charger has indicated completed, as with any device we would not suggest overcharging even with protective circuits and automatic cut off for your own safety.