

EN English



Traveler Battery Charger

RP-DC30



HEChox

User Manual

Thank you for your purchase of the traveler battery charger RP-DC30.

- This intelligent charger for digital camera and camcorder batteries was designed with advanced power charging technology, allowing you to charge your professional batteries at studio or at home. The IDL (Identification Display Led) with red and green light illumination provides a clear display of power and charging status.
- Please read these user manual carefully before operating this unit to charge battery pack.

Product features

- Charges a battery pack that runs on 3.2V to 7.8V thru exchangeable battery plates
- **IDL** (Indication Display LED) status light displays the power, and charging status with dual color (red and green) light.
- Worldwide power use with voltage input between AC 100 - 240V;
- With advanced MCU control, charger fully controls the charging process of the battery.
- 100,000 levels of anti-static design, high temperature and fire-proof makes it safer.
- Passed MBTR 5000H test and has patent with more reliable quality warranty;
- Safety protection:
 - Over temperature protection reaches at 85°C,
 - Over voltage protection reaches at 10.5V,
 - Over current protection reaches at 2A,
 - Short circuit protection & Charging time protection
- Specially designed for use on all Hedbox Battery Packs.
- Impuls Voltage charging technology, provides high battery charging efficiency.
- Pre-charging function 0.00 V activation efficiently extends battery life.
- Automatic charging power out recognitions

Charging technology

- Intelligent charging systems integrate the control systems within the charger and the electronics within the battery to allow precise control over the charging process. As a safety precaution with high-capacity batteries, a pre-charging stage is used. The charging cycle is initiated with a low current. If there is no corresponding rise in the battery voltage, it indicates that there is possibly a short circuit in the battery (zero volt activation).
- Impuls Voltage (IV) charging mode effectively charges lithium batteries. When a lithium battery is nearly empty, we take constant current to charge it. The charger CPU automatically adjusts the charging current to be lower than the maximum charging current that the battery can accept.
- When the battery is fully charged, this state is stopped.

Overview



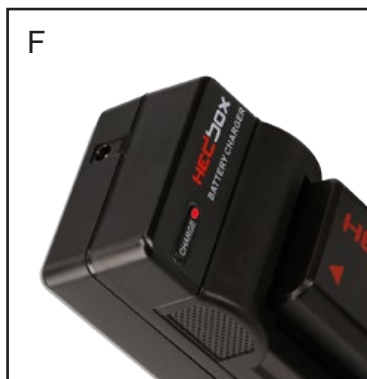
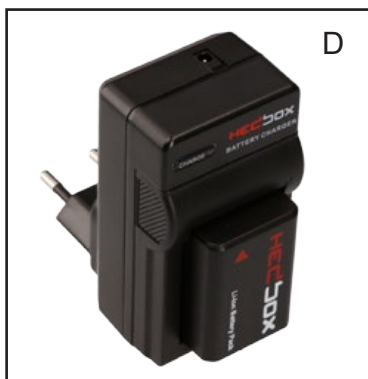
Product Components:

1. **RP-DC30** traveler battery charger
2. **IDL** Indication Display LED status light
3. AC - UK removable power plug
4. AC - US removable power plug
5. AC - EU removable power plug
6. Exchangeable battery charger plate

NOTE: Battery plates sold separately

Operation instruction:

1. Insert the supplied AC removable power plug, UK, US, or EU, depending on the mains AC voltage where the charger is used (picture A).
2. Install an exchangeable battery charger plate depending on the battery model that needsto be charged. The battery plates are sold separately (picture). To find the appropriate plate for a battery that you need to charge, please visit our web page "battery plate finder" : <https://www.hedbox.com/finder/>
3. Install a rechargeable DV battery pack that needs to be charged into the installed battery charger plate slot (picture C)
4. Plug the fully assembled battery charger with the battery pack onto the primary AC power outlet (picture D).
5. The charger will turn ON automatically. The indicational LED light will illuminate red, and the charger will start charging the battery. (picture F)
6. When the battery is fully charged, the LED light on the charger will illuminate a green color.
7. Remove the battery from the charger, and unplug the charger from the main AC power.



Exchangeable battery charger plate



- The RP-DC50 digital dual charger can be used for all World brand battery models with easily interchangeable battery plates. This economical option allows you to charge many different batteries, all with one charger and a compatible model of battery charger plate.
- The charger automatically sets the charging voltage and current for the designed battery pack. That leaves no space for charging errors!
- The corresponding battery charger plate that fits the battery you want to charge can be found in the link: <https://www.hedbox.com/finder/>

NOTE:

The exchangeable battery charger plates need to be purchased separately.

Notice

- Please check that the components size and voltages are compatible according to your Camcorder DC Voltage Input or battery pack charging voltage and current.
 - Please use the manual instruction of the camcorder or battery pack, and read this manual carefully before using the unit with this AC Adaptor / Charger.
 - We are not responsible for any damage caused by incorrect use or operation.
 - This device is for indoor use only, don't put or use it in high temperatures and high moisture environment.
 - It's a common phenomenon for the unit to feel warm when using;
 - Avoid dropping and bumping otherwise the electrical components will be damaged;
 - Don't try to disassemble or open the cover under any circumstance in order to avoid danger.
 - The charger will be damaged if not used properly.
 - Children should use it under the supervision of adults.
 - Take out the D-tab connector from the charging slot of the rechargeable battery when the battery is entirely charged.
- or if the charger process is stopped.
- It's common for the unit to feel warm when using.
 - Avoid dropping and bumping otherwise the electrical components will be damaged.

In Car use

- With a 12V DC power source (a DC 12V Car charger cable supplied) you can use the charger and charge your batteries in the Car, Airplane, Bus, or any other place where 12V DC power is supplied (picture G)



Specification

AC Power Input:	AC 100V ~ 240V / 50 - 60Hz
DC Power In :	DC 12V / 35W (max)
Control Display:	IDL (identificational Display LED)
Power Output :	DC 3.6V – 8.4V. 800 mA (Max)
Power Consumption :	35W (max)
Charging Type :	Impuls Voltage
Battery Charging Type:	Ni-CD , Ni-MH . Li-Ion
Operating Temperature:	–20°C to +45°C (–4°F to +113°F)
Dimensions (WxHxD):	90 x 50 x 35 mm / 3.54 x 1.96 x 1.37 “
Neto Weight:	85 gr. / 3 oz.

- Design and specifications are subject to change without notice.



Note:

Always ensure that the unit is operating properly before use.

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UNIX



HOLD II



4CH CHARGER