



Hedbox RP-DC50

ProdCode: HEDRPDC50

Digital Dual Battery Charger



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Features

- Digital Dual Battery Charger
- **Implemented Back-light**
With an implemented back-light in the large LCD screen, the readout function is enabled in the dark, giving you the possibility to use the charger at any place and at any time
- **Large LCD Display Screen**
A large LCD screen provides a clear, accurate, and precise display of the charging status. The USB output and DC 12V input display charge mode provides a clear insight into the way in which the charging mode is used to charge your professional battery. With an implemented backlight, the readout function is enabled in the dark
- **Dual Bay Charging Option**
The charger has the possibility to charge One or Two Batteries Simultaneously at the same time. Intelligent Control MCU can automatically identify the voltage and number of Batteries that are put on the charger, going intelligent charge when being charged, and prevent overcharge, depending if you choose Boost or standard charging mod on the Boost push button
- **Charging Technologies**
Intelligent charging systems integrate the control systems within the charger and the electronics within the battery to allow precision 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). Constant current/constant voltage (CC/CV) charging mode is an effective way to charge 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 max charging current that the battery can accept. With constant charging, the voltage of the battery rises slowly until it reaches a maximum voltage at which point the charger switches the charging method to “constant voltage” and reduces the charging current. When the battery is fully charged, this state is stopped

- **Charging Time**

Intelligent Control MCU can automatically identify the voltage and number of batteries that are on the charger, and prevent overcharge depending on the charging mode that is selected. In HIGH charging mode, one professional battery like the HED-BP75D with 74.88 Wh will be charged in approximately 3.5 hours. Two HED-BP75D will be charged in approximately 6.5 hours. In LOW mode, the charging time for a single battery is 5.2 hours or 10.2 hours for two batteries

- **Boost Charging Mode**

Boost Charging Push button provides HIGH speed Charging Mode. In High speed charging Mode, charger provide 1.5A current Power per one battery Slot or 0.8A per two Battery Slots. In standard Charging Mode, the current power is 1A per one slot and 0.5A per two slots. When Boost Charging mode is active it will be displayed (with boost charge ico) on the Charger LCD Display, in this charging mod, you can faster charge your battery pack, which will save you time, when you need it, on the field

- **In Car Use**

With 12V-24V DC power source (a DC 12V Car charger needs to be order separately) you can use charger and charge your batteries in the Car, Airplane, Bus or any other place where 12V-24V DC power is supplied

- **Interchangeable Battery Plates**

With easily Interchangeable Battery Plates (They are designed to use only with Digital Chargers model RP-DC50, RP-DC40 and RP-DC30.) Intelligent Charger can be used for all World Brand Battery Models. This Economic Option allows you to Charge many different Batteries, all with one Charger according to the plate model. Charger automatically sets Charging Voltage and the Charging Current for the designed Battery Pack. That leaves no space for charging error! Please note: battery plate sold separately

The Hedbox RP-DC50 Dual Battery Charger features a large backlit LCD screen with readouts that give you a clear understanding of the status information of any connected battery, USB output and DC 12V input.

Dual charging plates allow for either one or two batteries to be charged simultaneously, while an Intelligent Control MCU can automatically identify the voltage and number of batteries fitted to the charger and prevent overcharging regardless of the operating mode selected. Fully interchangeable battery plates allow the RP-DC50 to be used to charge virtually any type of battery.

Please note: Battery Plate not included in the box and sold separately.

In the box:

- 1x RP-DC50 DUAL CHARGER
- 1x 12V IN CAR CABLE
- 1x 110V ~ 240 POWER SUPPLY CABLE
- 1x USER MAUNAL (ENGLISH)
- 1x 2 YEAR LIMITED MANUFACTURER'S WARRANTY

