Li-Ion Battery Pack

PREMIUM QUALITY

HED-BP95D

HIGH LOAD

HEDBOX

User Manual

EN English

Operating Instructions

Before operating the unit, please read this manual thoroughly and save it for future reference.
• Please consult the store where you purchased this battery pack or your sales representative before using the battery pack in a product whose Operation Manual/Operating Instruction does not explicitly state that the battery pack can be used, or before using the battery pack in conjunction with another power supply. Inappropriate use of the battery pack may result in unit misoperation.
• Use the battery pack only with equipment whose operating instructions recommend its use.

Important Safety Instructions

• If the battery pack is mishandled, the battery pack can burst and cause a fire.
• Do not disassemble and never attempt to open the battery pack.
• Do not crush and do not expose the battery pack to any shock or force such as hammering, dropping or stepping on it, avoid mechanical shock.
• Do not short circuit and do not allow metal objects to come into contact with the battery terminals.
• Do not expose to temperatures higher than 60°C (140°F) direct sunlight or in car parked in the sun.
• Do not incinerate or dispose of in fire.
• Be sure to charge the battery pack using a genuine Hedbox battery charger or a device that can charge the Li-Ion battery pack.
• Keep the battery pack out of the reach of small children.
• Keep the battery pack dry and clean only with a dry cloth.
• Do not use this battery pack near water, or expose the battery pack to rain or moisture.
• Do not install near any heat sources such as radiators, heat registers, or appliances that produce heat.
• Unplug this battery from the supply unit during thunderstorms or when unused for long periods.
• Refer all servicing to qualified service personnel only.
• Servicing is required when the battery pack has been damaged in any way, such as power plug damage, IDR Puch Button damage, the battery has been exposed to rain or high moisture, does not operate normally, or has been dropped, and the battery housing damaged significantly.
• This battery pack uses Lithium-Ion battery cells.
• A large discharge amount may accelerate the deterioration of the battery pack's internal cells.
To prevent this, use the battery pack with a discharger amount of about 3 A or less.
Continuous use at levels beyond the maximum discharge level may cause the protection circuit to shut off the current to protect the internal cells.

Charging the battery pack

• You don't have to discharge the battery pack before recharging.
• Charging while some capacity remains does not affect the original battery capacity.
• To charge the battery efficiently, fully charge it in an ambient temperature of 10°C - 30°C (50°F - 86°F).
• The battery pack discharges naturally over time. To extend battery life, it is recommended that you fully charge the battery pack before using it.
• The battery pack may become warm while used or being charged. This is normal.
• Battery pack performance decreases in low-temperature surroundings.
• To conserve battery power, we recommend that you keep the battery pack dry and warm, and only insert it in your electronic device just before use.
• If the power goes off even though the remaining battery time shows that it has enough power to operate, charge the battery pack fully again so that the correct remaining battery time is shown.
• Note that the remaining battery time is sometimes not restored if used in high temperatures for a long time or left in a fully charged state, or if the battery pack is frequently used.
• Remaining battery time is shown as the approximate recording time.

Important Information

Battery life

• Battery life may be shortened due to storage or operation in high temperatures.
• The performance and operating time of the battery may drop under cold conditions.
• Replace the battery pack when the operating time with a completely charged battery pack becomes noticeably short.
• The battery life is limited and varies in each battery pack according to the storage, operating conditions, and working operational environment.

If you can't charge the battery pack

• If the charging process encounters no response under the following conditions:

- During the initial attempt to recharge the battery.
- After the battery has been idle for an extended period.
- When the battery has been left inside the camera for an extended duration.
- Right after the purchase.

In such instances, disconnect the battery from the charger and then reconnect it.

• If the second attempt at charging proves unsuccessful, there could be a potential issue with either the battery or the charger. Stop using them and reach out to your authorized Hedbox dealer, or contact us at support@hedbox.com for assistance.

• If the battery pack terminals become dirty or dusty, clean them with a soft cloth.

How to store the battery pack

• Store the battery pack in environment that is dry at temperatures between 0°C to 23°C (32°F to 73°F).
• If the battery pack is to be stored for a short period (approximately more than 24 hours and a month or less), discharge or charge it to 90% of its total capacity to prevent deterioration of its internal cells.
• When storing the battery pack for an extended period (more than a month) it is recommended to discharge or charge it to about 60% of its full capacity. The 60% capacity provide the best number of cycles-to-usage ratio. In this case charge it until the capacity reaches 60% once every six months.

How to transport the battery pack by Airplane

When traveling by airplane and intending to carry Hedbox batteries, it is essential to adhere to specific air transportation regulations. To ensure compliance with safety guidelines, travelers must take special precautions.These include

• Ensure the battery is discharged to less than 30% of its total capacity.
• Store the battery in your carry-on baggage during check-in.
• Inform the airport security officer about the battery in your baggage.
• You are allowed to carry a maximum of for (4) batteries per trip.

Compliance Statements

EUROPEAN UNION COMPLIANCE STATEMENTS

Hedbox declares that the radio equipment described in this document comply with the EMC Directive 2041/30/EU & RoHS 2011/65/EU and the amendment directive (EU) 2015/863

European standards:
• EN 55032:2015: Electromagnetic Interference (Emission)
• EN 55035:2017: Electromagnetic Susceptibility (Immunity)

This product is intended for use in the following Electromagnetic Environments:
E1 (residential),
E2 (commercial and light industrial),
E3 (urban outdoors),
E4 (controlled EMC environment, ex. TV studio).

WASTE ELECTRICAL AND ELECTRONIC EQUIPMENT (WEEE)

The Waste Electrical and Electronic Equipment (WEEE) mark applies only to countries within the European Union (EU). This symbol on the product means that used electrical and electronic products should not be mixed with general household waste. For proper treatment recovery and recycling, please take this product to designated collection points where it will be accepted.

Ensuring that these batteries are disposed of correctly will help prevent potentially negative consequences for the environment and human health, which could otherwise be caused by inappropriate battery waste handling.
The recycling of the materials will help to conserve natural resources.
To ensure that the battery will be treated properly, hand over the product at the end of its life to the applicable collection point to recycle electrical and electronic equipment.

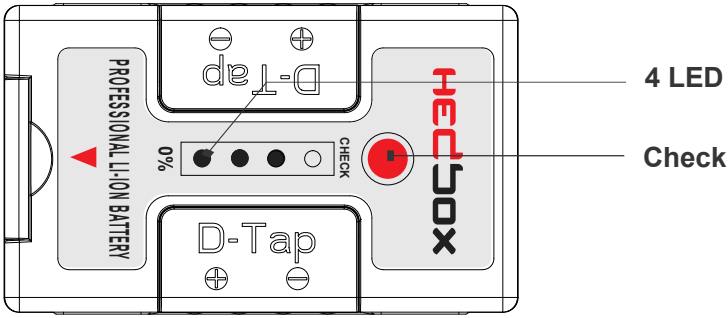
• Hand the battery to the applicable collection point to recycle waste batteries.
• For more detailed information about recycling this product or battery, please contact your local Civic Office, your household waste disposal service, or the shop where you purchased the product.

UN38.3 CERTIFICATION FOR SAFE BATTERY TRANSPORTATION

The Li-ion Battery Pack had passed the UN 38.3 test and is classified as non-dangerous goods and also complies with the UN Recommendations on the Transport of Dangerous Goods; IATA Dangerous Goods regulations, and applicable U.S. DOT regulations for the safe transport of Li-ion Battery Pack. The Li-ion Battery Pack is transported according to the PACKING INSTRUCTION 965 Section B of IATA DGR 65rd edition (Proper shipping name and UN ID number: LITHIUM ION BATTERIES, UN No.: UN3480).

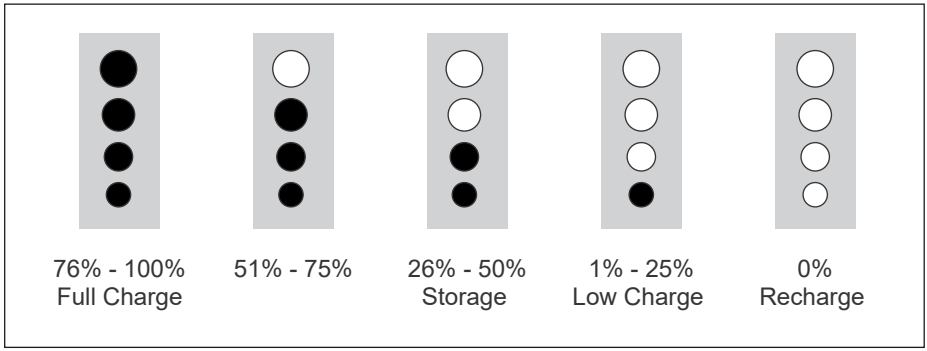
Related laws and regulations are, however, subject to change. For detailed conditions regarding the transport of battery packs, please consult your chosen shipping transport company.

Capacity Meter - LED Indicator



Testing the capacity of the battery pack:

• A four-step Blue LED display indicates the remaining capacity.
• Press the Test / Check button, and the remaining capacity of the battery pack will be shown on four-step LED display.



• If the Battery Pack is instilled on the Camcorder with the function of powering the camera, the four-step LED Capacity Display may not show the exact capacity status of the battery pack.

• When only one (0%) LED indicates, please recharge the battery immediately.

Self-diagnostic function

• If an abnormality is detected, the protection circuit will engage, causing all the LEDs to flash. Should this occur, discontinue use of the battery pack immediately. Once the LEDs begin flashing, the battery pack will be unable to use or recharge.

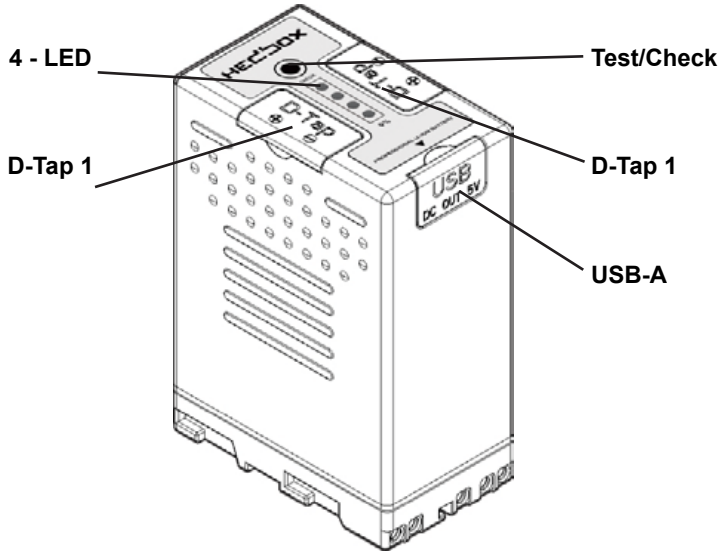
• After the protection circuit is activated, the battery pack will not automatically revert to normal operation. To reset the protection circuit, the battery pack must be charged using a charger specifically designed for lithium-ion battery packs (We recommend using the RP-DC50 charger to reset the battery protection.).

D-Tap 14.8V, 8A Power Output

- Dual D-TAP DC Output socket can be used as 14.4V DC output or DC charging input.
- Open the rubber protective cover with the D-TAP sign on it.
- Plug in one D-Tap lead for DC output or battery charging.
- To keep the D-Tap socket away from dust, close the output with a rubber protective cover
- The maximum constant current the Battery can provide during DC14.8V Power Output is 7A

USB 5V, 1A / 5W Power Output

- The USB-A 5V,1A/5W Power Output for charging mobile phones and all other units on USB.
- Open the rubber protective cover with a USB sign on it.
- Plug in the USB lead and connect to the device you want to charge.
- Press the CHECK Button for 3 seconds to switch/power on the USB charging.
- To keep the USB socket away from dust, close the USB output with a rubber protective cover.



Recommended Accessories

HED-DC10 USB-C Fast Battery Charger

HED-DC10

• For the best battery charging performance, we recommend using the Hedbox HED-DC10 Fast Li-Ion Battery Charger. The supplied D-Tap cable makes battery charging extremely fast and secure.

RP-DC50

RP-DC50 Dual LCD Fast Battery Charger

• For the best battery charging performance, we highly recommend using the Hedbox RP-DC50 Dual LCD Fast Li-Ion Battery Charger with apropriate battery charger plate type.

IATA Li-Ion Battery Transportation Safe Bag

• For safe and secure battery transportation, we recommend purchasing the specially designed transportation safe bag for HED-BP batteries the FIREBAG-M.

NOTE: All recommended products need to be purchased separately.

Security QR Holo Serial Number Label

Multy level High Security QR Hologram product authentication Label

- The product is marked with the Security QR Holo serial number label on the bottom of the battery.
- The QR Holo Label serves as the primary means for confirming the product's authenticity and originality.
- The label incorporates multi-layer high-definition protection including 365 Nm mark.
- It features a distinctive security holographic protection.
- The product has a unique serialization linked to the global Hedbox database.
- Durable, robust, self-adhesive label material; kindly refrain from attempting to peel off the label.

NOTE:
Attempting to remove the security label will cause it to self-destruct, resulting in the forfeiture of the product warranty in this particular case.

Product registration and verification

To verify your product and proceed with registration, please follow the next steps

- Go and visit the verification section on the Hedbox web page at **www.hedbox.com/verification**.

- Follow the verification procedure

Specification

Model Name :	**HED-BP95D**
Mount Type :	Sony BPU
Info Display :	**4 - LED**
Battery Capacity :	**96.5 Wh / 6700mAh**
Maximum Load :	**8A / 90W (Max)**
Nominal Volatge :	**14.4 V DC**
USB-A Output Only :	**5V, 5W / 1A (Max)**
D-Tap 1 In / Output :	**Charge:16.8V/8A/135W, Output: 16.8V/8A/135W**
D-Tap 1 In / Output :	**Charge:16.8V/8A/135W, Output: 16.8V/8A/135W**
Internal Protection :	Cells Framing Construction System
IATA Transportation :	**UN38.3 / UN3480, Class 9**
Recomend Charging On :	RP-DC50 / RP-DBPU
Comunication protocol :	Sony Data com
Operating Temperature :	**–20°C to +45°C (–4°F to +113°F)**
Dimensions (W/H/D) :	**90 x 70 x 40 mm | 3.54 x 2.75 x 1.57 “**
Net Weight :	435 g | 15.35 oz

No reimbursement for the recorded content.

• Compensation for the recording content is not feasible in the event of a malfunction in the battery pack on other devices, preventing shooting or reproduction.
• Please note that design and specifications may change without prior notice.

If you want to know more about HEDBOX Products please visit our website: **www.hedbox.com**

DISCLAIMER

Hedbox has made every effort to provide clear and accurate information in these User's Manual. All the data of this User's Manual (e.g. illustrations, text, specifications and data) are based on the latest information available and every care has been taken in compilation of the contents herein and in verification of its accuracy at the time of printing. As the aim of Hedbox is to give customers the most updated and state-of-the-art products, it may operate some technical modifications and improvements in time. Hedbox may consequently alter the information contained in this User's Manual without notice.

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If you find that some technical features or external appearance of your product differ from the ones inserted in this User's Manual, please send a detailed e-mail to support@hedbox.com.

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Note:
Always ensure that the unit is operating properly before use.
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PREMIUM QUALITY

HEDBOX

We Power Your Bussines

HED-BPU

NINA

NERO Series

BATTERY CHARGERS


HED-A60
RP-VBD78
RP-BP975
RP-LPE6H
UNIX
HOLD II
RP-DC200
4CH CHARGER