

Head Torch LED Rechargeable

Description

A rechargeable LED head torch designed for hands-free illumination during medical and veterinary procedures. Adjustable straps ensure a secure fit, while bright LED lights provide clear visibility in low-light environments.

Specification

- **Power Source:** Rechargeable lithium-ion battery
- **Light Type:** High-intensity LED
- **Brightness:** Adjustable levels, typically 150-400 lumens
- **Beam Distance:** Up to 100 meters
- **Charging Time:** 3-5 hours
- **Battery Life:** Up to 6-10 hours depending on mode
- **Material:** Lightweight ABS plastic and elastic straps
- **Weight:** Approximately 150-250 grams

Sizes

- One size fits most with adjustable straps for head circumference

Shapes

- Compact, rectangular LED module mounted on an adjustable elastic headband

Types

- Single LED head torch
- Multi-LED with adjustable beam focus and multiple light modes (steady, flashing)

Material

- ABS plastic housing for durability
- Elastic nylon head straps for comfortable wear
- Silicone pads for sweat absorption

Category

- Medical lighting equipment
- Hands-free illumination devices
- Veterinary examination tools

Product Form

Head torch unit with adjustable strap, USB charging cable, and user manual.

Usage

Provides hands-free, focused lighting for surgeries, examinations, and fieldwork in both human and veterinary medicine.

Advantages

- Hands-free operation enhances convenience
- Rechargeable and eco-friendly
- Adjustable brightness and beam focus
- Lightweight and comfortable for extended use

Disadvantages

- Battery requires regular charging
- Elastic straps may lose elasticity over time
- Not usually waterproof unless specified

Precautions

- Avoid exposure to water unless waterproof rated
- Do not overcharge the battery
- Keep straps clean and dry to maintain elasticity

HS / HSN Code

- **HSN 9018:** Medical and veterinary instruments
- **HSN 85131000:** Portable electric lamps and flashlights

Handling

- Fully charge before first use
- Adjust straps for secure, comfortable fit
- Clean exterior with alcohol wipes; avoid soaking straps

Sterilization Details

- Wipe head torch surface with disinfectant wipes
- Remove elastic straps for separate washing if needed

Veterinary Application

Ideal for veterinary surgeons and practitioners during animal examinations and procedures requiring hands-free lighting.

Human Application

Used by surgeons, dentists, and healthcare professionals for precision work in low-light or confined spaces.

Frequently Asked Questions (FAQ)

Is the head torch adjustable for different head sizes?

Yes, it has adjustable elastic straps.

How long does the battery last?

Typically between 6 to 10 hours depending on brightness settings.

Can the brightness be changed?

Yes, multiple brightness modes are available.

Is it waterproof?

Usually no, unless specified.

How do you clean the head torch?

Wipe the torch with disinfectant; wash straps separately.