

# Recolight Battery Recycling Service



## PORTABLE & INDUSTRIAL BATTERIES

Batteries aren't currently classed as WEEE, but they are hazardous, and must be recycled responsibly.

The Recolight battery recycling service includes

- battery containers,
- free consignment note,
- and collection.

Charges are made upfront, on delivery and each container exchange.

To set up a new site complete an application form. You will then be set up on RecoWeb, the Recolight online booking system.

### Recolight DO NOT collect :

- ✗ Batteries containing potassium hydroxide
- ✗ Batteries that require 'activation' e.g. by adding a liquid before use to allow them to function
- ✗ Damaged batteries
- ✗ Batteries with exposed terminals

### Battery Drum



#### Dimensions

Height 520mm  
Diameter 249mm at neck

**Capacity** - 30 litres

#### Material

High Density Polyethylene

#### Storage

For mixed portable batteries

UN approved for lithium

1H2/x61/S

### Battery Box



#### Dimensions

Length 1200mm  
Width 1000mm  
Height 740mm

**Capacity** - 605 litres

#### Material

#### Storage

For mixed batteries

NO lithium

Secure the lid to keep batteries dry

To set up a new site  
**Complete an application form on RecoWeb**

Application form  
**SIGN UP**



**Booking your collection**

- Booked online via RecoWeb
  - Lead time is up to 10 working days
  - A fixed date can be requested
- Longer lead times apply for Northern Ireland



The maximum gross weight of mixed batteries that can be collected by Recolight is 333kg per collection. This weight includes containers and any inert filling used.

Please advise Recolight if your collection might exceed 333kg so that a solution can be considered, e.g. using specialist hauliers or splitting into multiple collections.

### Helping you stay compliant

GO TO >

[Recolight.co.uk/collections](http://Recolight.co.uk/collections)

Where you will find help for

- Consignment notes
- Managing your site
- Storing waste

By accepting delivery of a battery container, you thereby acknowledge you have read, understood & comply with our battery guidance for safe waste battery storage and collection.

Recolight

WEEE? GOT IT.

info@recolight.co.uk

www.recolight.co.uk/collections

020 8253 9750

# Recolight

## Battery storage guidance

### Batteries must be handled with great care

Recolight require users of its battery collection service to follow current guidance and best practice relating to the safe storage and handling of batteries.

Batteries are usually safe to store and handle provided:

- they have not been exposed to physical or electrical abuse,
- and are treated with appropriate respect.

However, batteries do pose several serious risks including fire, explosion, chemical and heat burns, poisoning, serious electric shock and dangers from heavy weight.

Cut off bare wires & cover exposed ends with insulating tape



Securely cover all bare terminals with insulating tape



### Risks of short-circuit and fire

There is substantial risk of a battery fire from short-circuit if the batteries are not fully discharged

- A battery fire has the greatest potential when relatively high energy is passed through conductors during a short circuit, generating high temperatures.
- Electrical conductors can spontaneously combust when touched together (short-circuited), which can lead to a battery fire.
- Ruptured or damaged batteries can leak electrolyte which can be hazardous and in some instances a ruptured battery can catch fire (e.g. primary lithium batteries).
- Lithium batteries are particularly hazardous due to their ability to retain their electrical capacity for long periods and because they contain elemental lithium. Rupturing / short-circuits / physical damage can lead to explosion or high temperature fires.
- Risk can be increased when batteries are disturbed or moved. Movement may cause a short circuit to take place or cause physical damage or rupture to a battery.
- The dangers from batteries can take some time to become apparent – for example heat from a short circuit or damaged battery can build up slowly over time and only several hours later cause a fire to start. Be vigilant, especially with batteries that have recently been moved or disturbed in some way.
- Because batteries are a potential source of heat, it makes sense to starve them of fuel and oxygen in order to minimise the risk of fire. Keep batteries in sealed containers to keep them free of oxygen supply and water.

### Correct storage and handling of batteries will minimise risk

- ✓ **Effectively insulate and protect** all live conductors and terminals.
- ✓ **Cut off trailing wires** and secure their ends by taping them up with insulation tape. The live ends must be protected to ensure that even during movement, there is no possibility of live terminals being exposed.
- ✓ **WET CELL batteries** such as wet cell Nicads are exempt from ADR regulations ref SP 598. ● Cases must be undamaged ● Secured in the Dolav so that they cannot move/become damaged in transit ● **Do not mix** wet cell batteries with dry cell batteries.
- ✓ **Metal strapping around batteries should only be used with caution** and in such a way that the metal could not give rise to a short circuit and resulting potential fire.
- ✓ **Battery containers and lining bags must be kept tightly** closed to remove the supply of oxygen from the container and reduce fire risk.
- ✓ **Batteries must always be protected from rain and any other sources of water.** Water presence could corrode battery casings giving rise to leakage and fire/explosion risk.
- ✓ **For higher risk batteries, pack with an inert filling material** (e.g. sand)– this will help reduce risk of short circuit, conduct heat away, and starve oxygen and fuel.
  - Keep containers of waste batteries in an area away from combustible materials to avoid risk of fire spreading.
- ✓ Where the batteries cannot be stored or transported in appropriate containers, please speak with a member of staff from Recolight who can agree an acceptable and appropriate alternative means of transporting the batteries with minimum risk.
- ✓ **Train all staff on the risks associated with storing and handling batteries.** Make sure they are aware of what to do in the event of an incident.

#### Health and Safety Executive (H&SE)

Refer to guidance issued by H&SE to learn more about the risks associated with batteries.

GO TO > <http://www.hse.gov.uk/index.htm>

**Disclaimer** This information is offered as guidance. It is your responsibility to ensure that correct procedures are in place. Recolight accept no legal responsibility for any errors, omissions or misleading statements.