

Recycling lithium battery from electric vehicles

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A safe, easy and compliant solution Lithium-Ion and Lithium batteries are extremely dangerous and damaging to the environment and as such should never be placed in general waste or sent to normal recycling avenues.

ADR regulations list Lithium batteries as a class 9 (dangerous goods) item, which means all batteries of this type must be stored and packaged in a very specific way to reduce fire risk and improve safety.

For our one-stop collection service, Ecolamp will provide you with our UN Approved safety barrels so you can fill them in your own time. Once filled simply give us a call and we will arrange for the battery barrels to be collected and returned to our depot for decommissioning and recycling

For larger volumes we can either issue multiple UN approved barrels to you, or we can send our highly trained and bespoke operators to your place of work. They will then ensure your items are stored and packaged correctly for safe transportation back to our depot.

It's estimated that by 2035 there will be no more diesel or petrol vehicles on sale in the UK. The huge increase in electric vehicle (EV) and hybrid cars pose a difficult problem when dealing with end-of-life lithium batteries. Due to the extremely high energy output, electric vehicle batteries should be handled and stored with extreme caution. Ecolamp offers a bespoke end-to-end recycling service to keep you compliant with all WEEE electrical and hazardous waste legislation and do your bit for the environment.

With the increasing pressure to deliver longer more powerful and more sustainable batteries, it's no wonder that Lithium and Lithium-Ion battery production has seen a huge increase in volume over the last 10-15 years.

Ecolamp safely collect and recycle all types of batteries including Household Alkaline, Nickel Cadmium (Ni-cad), Lithium (Li-po) and Lithium Ion (Li-ion), Nickel Metal Hydride (Ni-Mh) and lead acid. We will also provide you with the relevant waste transfer, hazardous waste and WEEE directive certification. This ensures you are complying with all the correct electrical waste and battery waste legislation.

Fluorescent tube storage containers ideal for the storage of WEEE waste, fluorescent tubes & light bulbs. Recycling storage containers ideal for WEEE waste disposal. Ecolamp also provide a non hazardous and hazardous WEEE waste collection service across the UK.



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Contact us for free full report

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