

# Battery recycling

Kohler Uninterruptible Power is committed to approaching the work it does with a strong sense of corporate and social responsibility. As part of this we work with reputable battery suppliers and recyclers to minimise any impact on the environment and conserve natural resources.



## Can VRLA UPS batteries be recycled?

Yes, 98% of a lead acid battery can be reclaimed through recycling. The lead, plastic and acid components are re-processed and manufactured into an array of other products.

### 1. Sulphuric Acid

Sulphuric acid is converted to sodium sulphate to be used in the manufacture of glass, textiles, laundry detergents and fertilisers.

### 2. Lead

Battery plates, intercell connectors and posts made from lead are melted down in a smelter furnace. The molten lead is then formed into ingots for re-use, including use in new batteries.

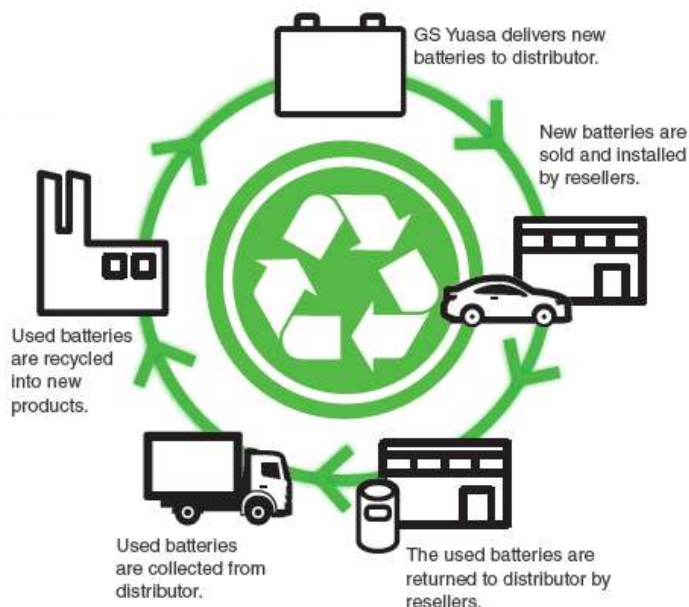
### 3. Polypropylene

Battery containers and lids are chipped and sent for recycling into rubbish bins, plant pots etc.

## Benefits of using recyclable materials:

- Help build a cleaner world for future generations
- Prevent harm to humans and wildlife
- Protect the environment
- Conserve natural resources
- Reduce the amount of waste going to landfill

## The recycling process of one of our key suppliers, GS Yuasa



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