

Product End-of-Life Instructions

Product Range: Smart-UPS® On-line

Marketing Model/Name: (List of multiple models if applicable)

Smart-UPS® RT Rack/Tower – SURT/SURTA/SURTD 1000 VA to 10,000 VA
Smart-UPS® RT Rack/Tower – DL/DLA/EMC/IBM/NEC/FJ 1000 VA to 10,000 VA

Purpose:

The product family must be disposed according to the legislation of the country. This document is intended for use by end of life recyclers or treatment facilities. It provides the basic information to assure an appropriate end of life treatment for the components and materials of the product.

Note :

This product family is in the scope of EU directive 2002/96/EC, Waste Electrical and Electronic Equipment (WEEE). This product range contains a battery pack that is in the scope of EU directive 2006/66/EC of 26 September 2006 (Battery Directive).



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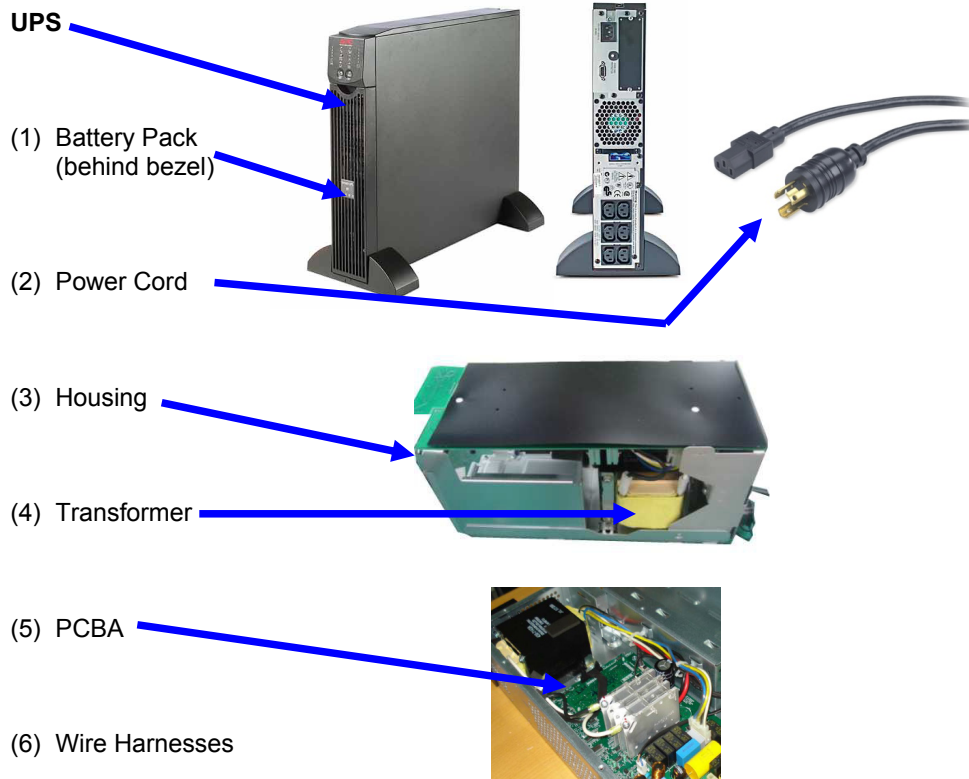
Operations recommended for the end of life treatment

There are several steps to process the products at the end of life so as to recover components, materials or energy : Reuse → Separation for special treatment → Other dismantling → Shredding.

The components of the products that optimize the recycling performances are listed, identified and located hereunder.

Disassembly Instructions:

1. Remove the battery from the product per the instructions provided. Be careful, the battery may be heavy. The batteries carry an electrical charge that represents a safety hazard that can result in severe injury.
2. Battery Packs are recommended to be shipped to recyclers as whole units.
3. Shear the power cord from the Uninterruptible Power Supply (UPS). Place the power cord into the appropriate recycling waste stream.
4. Disassemble the housing by removing fasteners. Place housing into appropriate recycling waste stream (plastic).
5. Remove the Printed Circuit Board Assembly – the Printed Circuit Board Assembly, Wire Harnesses and Transformer and place into appropriate recycling waste stream.



Smart-UPS® On-line product range consists of the following typical parts: (1) battery pack, (2) power cord, (3) plastic housing, (4) transformer, (5) printed circuit board assemblies (PCBAs), (6) wire harnesses/outlet assemblies and miscellaneous fasteners and labels.

Recommendation	Number on drawing	Components	Weight (Kg)	Comment
Special treatment	(1)	Sealed Lead acid Batteries	0.675 – 4.50 each	<p>See: RBC, Battery Module, Extended Run Time Battery Module for End of Life Instructions of battery pack.</p> <p>Use authorized battery recycler</p> <p>See: Material Safety Data Sheet Available at www.APC.com</p> <p>Caution: Batteries may contain an electrical charge – avoid creating short across terminals.</p> <p>Caution: Cracked or bloated batteries may be hazardous and represent a lead(Pb) exposure.</p>
Special treatment	(2), (6)	Cables with PVC wire wrap, Plugs made with PVC	0.16 - 2.16 each	Brominated flame retarded (BFR) PVC with tin-lead (SnPb) soldering.
Special treatment	(5)	Printed Circuit Boards	0.50 – 2.5 each	<p>Brominated flame retarded (BFR) FR4 laminate with tin-lead (SnPb) solder and miscellaneous electronic components.</p> <p>Components of concern include relays and electromechanical switches which may contain cadmium(Cd) based contacts and capacitors.</p> <p>Note: Capacitors in this product range may have a height greater than 2.5 cm.</p>

For more information please go to: <http://www.apc.com/recycle/>

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APC by Schneider Electric has achieved compliance status and the accuracy of data in this document is based on our best knowledge as of the date of its publication.

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