

# Product End-of-Life Instructions

## Product Range: Back-UPS®

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

**Back-UPS® - "Tower" Style – BK 200/300/325/475/500/650/1000**

**Back-UPS® - "Surge" Style – BE 325/350(G)/400/450(G)/500/525/550/600/650(G)(G1)/700**

**Back-UPS® - BH/BI/BN/BI/BZ 500/650/800/850/1000/1250**

**Back-UPS® - BR 500/600/650/800/1000/1100/1200/1300/1500**

**Back-UPS® - BX 550/650/800**

**This includes country specific designations and 120V, 230V, 100V products**

### 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, Wire Harnesses and Transformer and place into appropriate recycling waste stream.

### Back-UPS

(1) Power Cord

(2) Battery Pack

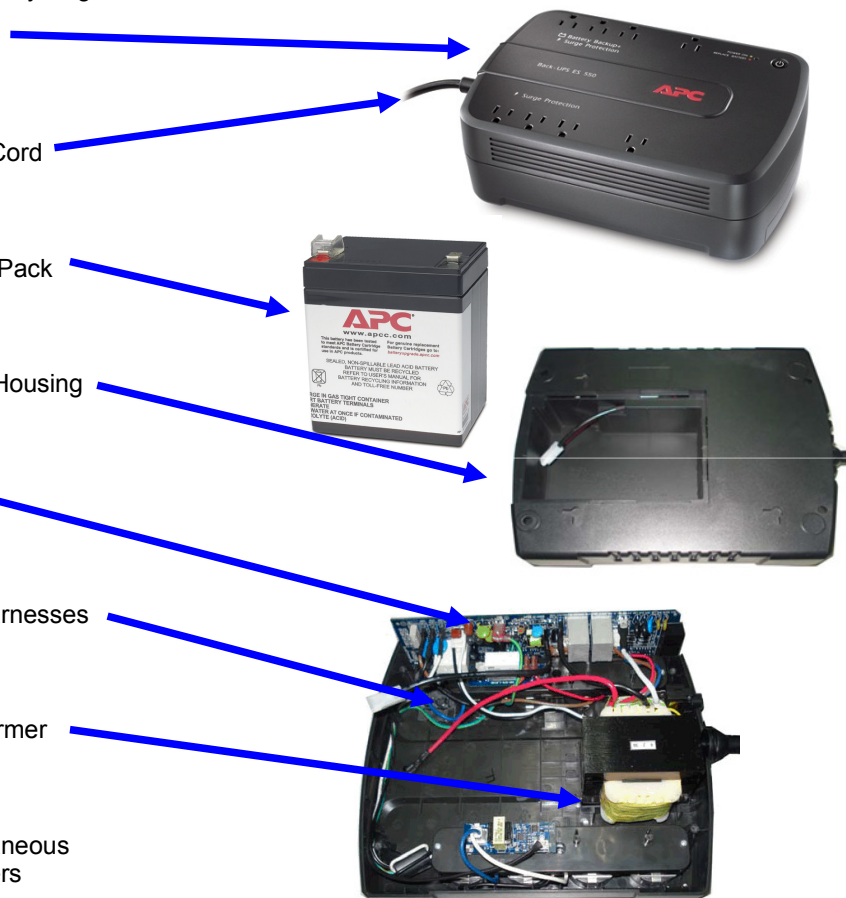
(3) Plastic Housing

(4) PCBA

(5) Wire Harnesses

(6) Transformer

(7) Miscellaneous Fasteners



Back-UPS product range consists of the following typical parts: (1) Power Cord, (2) Battery Pack (RBC), (3) Plastic housing parts, (4) Printed Circuit Board Assembly (PCBA), (5) Miscellaneous Wire Harnesses, (6) Transformer, and (7) Miscellaneous Fasteners.

Recommendation	Number on drawing	Components	Weight (Kg)	Comment
Special treatment	(1)	Power Cord	0.15 – 0.55	Power Cords are composed of various gauge copper wires with RoHS compliant PVC wire wrap and plug connectors.
Special treatment	(2)	Sealed Lead acid Batteries	0.675 – 4.50 each	See: RBC, Battery Module, Extended Run Time Battery Module for End of Life Instructions of battery pack.  Use authorized battery recycler  See: Material Safety Data Sheet Available at <a href="http://www.APC.com">www.APC.com</a>  Caution: Batteries may contain an electrical charge – avoid creating short across terminals.  Caution: Cracked or bloated batteries may be hazardous and represent a lead(Pb) exposure.
Special treatment	(4)	Printed Circuit Board Assembly (lead-free)	0.50 – 2.5 each	Brominated flame retarded (BFR) FR4 laminate with lead free solder (SAC305) and miscellaneous electronic components.
Special treatment	(5)	Wire harnesses	0.05 – 0.15 each	Brominated flame retarded (BFR) nylon moulded connectors.

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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