

Product End-of-Life Instructions

Product Range: **Extended Run Battery Modules**

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

Smart-UPS® Battery Systems – SC, SCR, SMX, SU, SUA, SUM, SURT, SURTA, UX/(24-192)/(RM)(X)(L)BP(Q)
Back-UPS® External Battery Pack – BR24BP

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 range is in the scope of EU directive 2006/66/EC of 26 September 2006 (Battery Directive). This product is not in the scope of EU directive 2002/96/EC, Waste Electrical and Electronic Equipment (WEEE). However, this product range may be subject to the WEEE directive if the product is contained within another product, such as an uninterruptible power supply (UPS) that is subject to the WEEE directive.



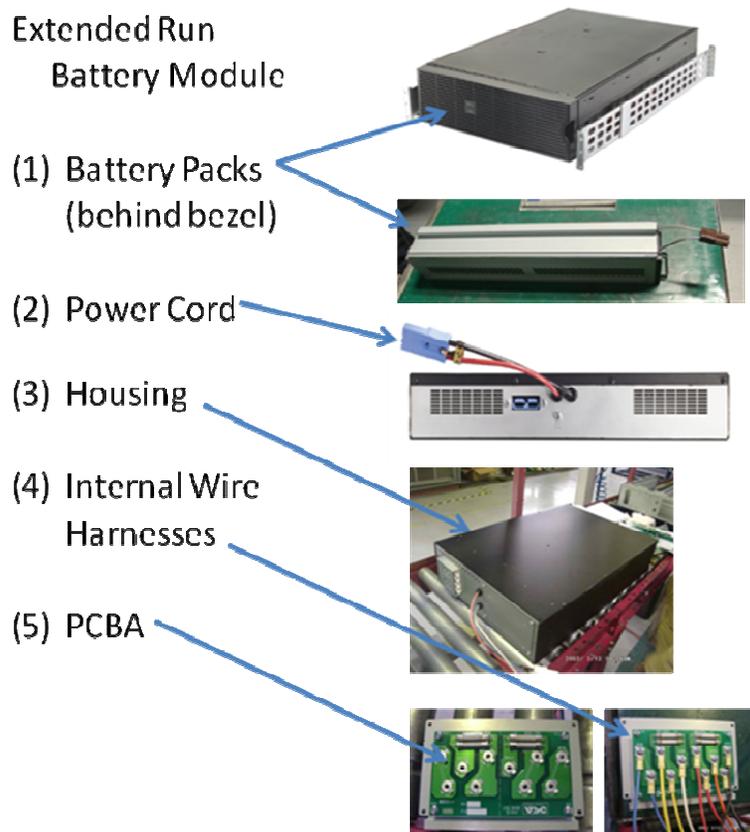
Operations recommended for the end of life treatment

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 Extended Run Battery Modules from the product from the rack per the instructions provided. Be careful, the modules are heavy.
2. Extended Run Battery Modules contain Replaceable Battery Cartridges (RBCs). It is recommended that the RBCs be removed from the Extended Run Battery Module and shipped to recyclers as whole units. The batteries within cartridges carry an electrical charge that represents a safety hazard that can result in severe injury. Only personnel with appropriate training should disassemble RBCs.
3. Disassemble the Extended Run Battery Module housing by removing fasteners and remove the power cord, internal wire harnesses and printed wiring board assembly. Shear the internal wire harnesses and circuitry from the module and place into appropriate recycling waste stream.



The Extended Run Battery Module product range consist of the following typical parts: (1) battery packs (RBCs) containing sealed lead-acid batteries, (2) Power cord, (3) Metal and plastic housing pieces including miscellaneous hardware, (4) Internal Wiring Harnesses (5) Printed Circuit Board Assembly.

Recommendation	Number on drawing	Components	Weight (Kg)	Comment
Special treatment	(1)	Sealed Lead acid Batteries	0.675 – 4.50	Use authorized battery recycler See: Material Safety Data Sheet Available at www.APC.com 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	(2)	Power Cord	0.15 – 0.55	Power Cords are composed of various gauge copper wires with RoHS compliant PVC wire wrap and plug connectors.
	(4)	Wire Harnesses	0.05 – 0.15 each	Brominated flame retarded (BFR) nylon moulded connectors.
	(5)	Printed Circuit Board Assembly	0.50 – 2.5 each	Brominated flame retarded (BFR) FR4 laminate with tin-lead (SnPb) solder and miscellaneous electronic components. Note: No capacitors in this product range have a height greater than 2.5 cm.

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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