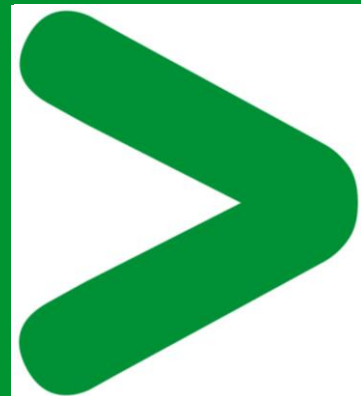


# Battery Modules



# Product overview

## Battery Modules

The product range includes SYBTXY where, (X) is any number and (Y) are option designators. The range also includes the following models:

H x L x D in mm = 159 x 107 x 700

Weight in g = between 23,000 g and 157,000 g including packaging. It is 24,500 g for the SYBTU1-PLP Symmetra PX Battery Module for the reference product.

## 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 European Union directive 2012/19/EU on Waste Electrical and Electronic Equipment (WEEE). This product range may be managed at end of life independently or with another product, such as an uninterruptible power supply (UPS), that is also 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 :

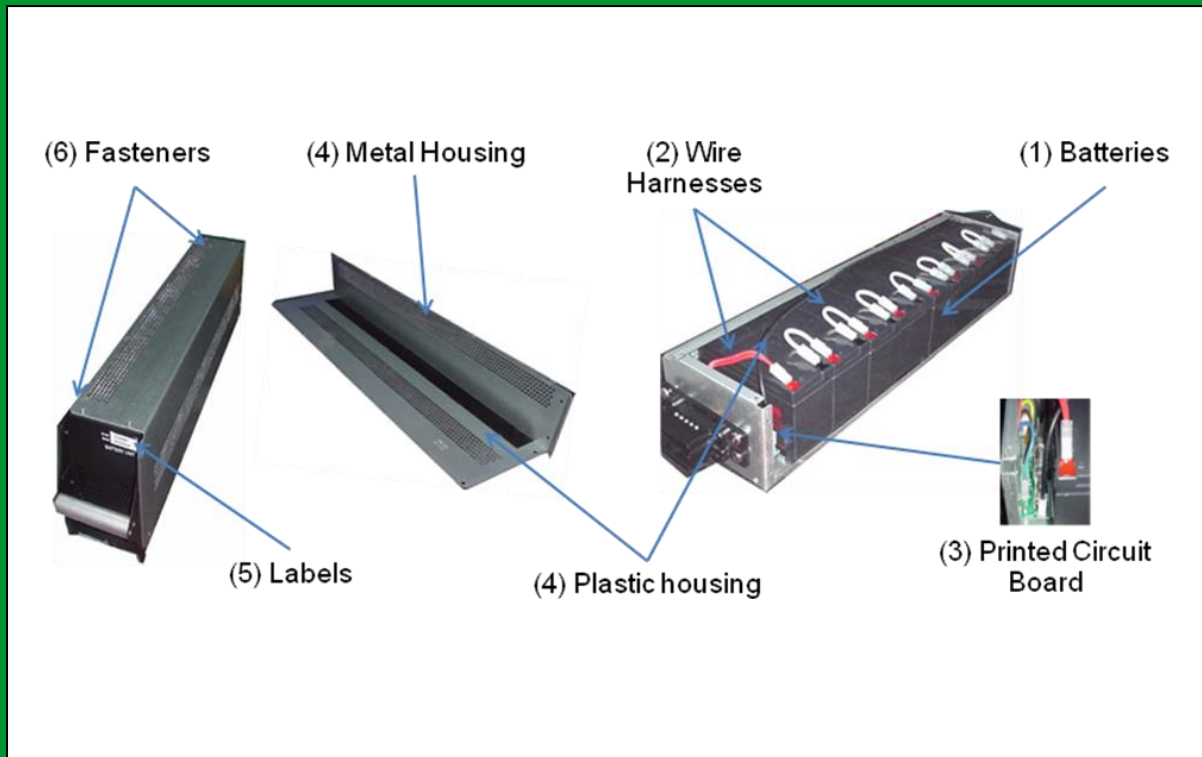
**Reuse → Separation for special treatment → Other dismantling → Shredding**

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

### Disassembly Instructions:

1. Remove the Battery Modules from the product per the instructions provided. Be careful, the modules are heavy.
2. Battery Modules are recommended to be shipped to recyclers as whole units. The batteries within modules carry an electrical charge that represents a safety hazard that can result in severe injury. Only personnel with appropriate training should disassemble Battery Modules.
3. Disassemble the Battery Module housing by removing fasteners and remove the batteries, wire harnesses and printed wiring board. Shear the wire harnesses and circuitry from the batteries and place into appropriate recycling waste stream.
4. Batteries should be shipped to an authorized battery recycler for further processing.

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



The Battery Module product range consist of the following typical parts: (1) Sealed lead-acid Batteries, (2) Wire Harnesses, (3) small printed wiring board, (4) metal and plastic housing pieces, (5) labels, and (6) miscellaneous hardware.

Recommendation	Number on drawing	Components	Weight (g)	Comment
Special treatment	(1)	Sealed Lead acid Batteries	675 – 4,500	Use authorized battery recycler  See: 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.
	(2)	Wire Harnesses	50 – 150 each	Brominated flame retarded (BFR) nylon moulded connectors.

Recommendation	Number on drawing	Components	Weight (g)	Comment
	(3)	Printed Circuit Board	50 – 250 each	<p>Brominated flame retarded (BFR) FR4 laminate with tin-lead (SnPb) solder and miscellaneous electronic components.</p> <p>Note: No capacitors in this product range have a height greater than 2.5 cm.</p>

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EoLI achieved with Schneider-Electric TT03 V5 procedure

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**Schneider Electric Industries SAS**

35, rue Joseph Monier  
CS 30323  
F- 92506 Rueil Malmaison Cedex  
RCS Nanterre 954 503 439  
Capital social 896 313 776 €

[www.schneider-electric.com](http://www.schneider-electric.com)