



Product End-of-Life Disassembly Instructions

Product Category: Other Products

Marketing Name / Model

[List multiple models if applicable.]

HP R18000 DF 2U Rackmount UPS/ AF479A

Purpose: The document is intended for use by end-of-life recyclers or treatment facilities. It provides the basic instructions for the disassembly of HP products to remove components and materials requiring selective treatment, as defined by EU directive 2002/96/EC, Waste Electrical and Electronic Equipment (WEEE).

1.0 Items Requiring Selective Treatment

1.1 Items listed below are classified as requiring selective treatment.

1.2 Enter the quantity of items contained within the product which require selective treatment in the right column, as applicable.

Item Description	Notes	Quantity of items included in product
Printed Circuit Boards (PCB) or Printed Circuit Assemblies (PCA)	With a surface greater than 10 sq cm	4
Batteries	All types including standard alkaline and lithium coin or button style batteries	1
Mercury-containing components	For example, mercury in lamps, display backlights, scanner lamps, switches, batteries	0
Liquid Crystal Displays (LCD) with a surface greater than 100 sq cm	Includes background illuminated displays with gas discharge lamps	0
Cathode Ray Tubes (CRT)		0
Capacitors / condensers (Containing PCB/PCT)		0
Electrolytic Capacitors / Condensers measuring greater than 2.5 cm in diameter or height		25
External electrical cables and cords		1
Gas Discharge Lamps		0
Plastics containing Brominated Flame Retardants weighing > 25 grams (not including PCBs or PCAs already listed as a separate item above)		0
Components and parts containing toner and ink, including liquids, semi-liquids (gel/paste) and toner	Include the cartridges, print heads, tubes, vent chambers, and service stations.	0
Components and waste containing asbestos		0
Components, parts and materials containing refractory ceramic fibers		0

Components, parts and materials containing radioactive substances	0	0
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2.0 Tools Required

List the type and size of the tools that would typically be used to disassemble the product to a point where components and materials requiring selective treatment can be removed.

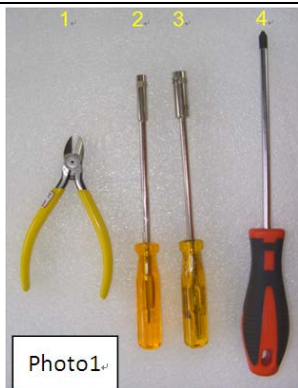
Tool Description	Tool Size (if applicable)
Description #1 Cutting Pliers	140mm
Description #2 Sleeve	210mm(#4-40)
Description #3 Sleeve	210mm(M4)
Description #4 Screwdriver	260mm
(Please refer to Photo1)	

3.0 Product Disassembly Process

3.1 List the basic steps that should typically be followed to remove components and materials requiring selective treatment:

1. Take off the front panel.(as Photo 2)
2. Take off the top cover.(as Photo 3)
3. Take off the rear panel.(as Photo 4)
4. Remove Pwbs.(as Photo 5)
5. Remove all fans.(as Photo 6)
6. Remove Pwbs.(as Photo 7)
- 7.
- 8.

3.2 Optional Graphic. If the disassembly process is complex, insert a graphic illustration below to identify the items contained in the product that require selective treatment (with descriptions and arrows identifying locations).



1.



Photo 2



2.



Photo 3



3.



Photo 4



4.



Photo 5



5.



Photo 6



6.

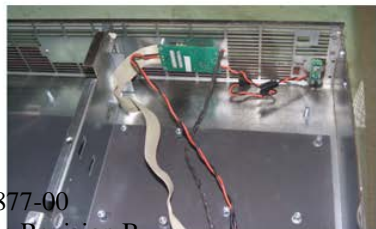


Photo 7



PCB component

type	component	tool	photo of example
A	Heat sink	1.Cutting Pliers 2.Screwdriver 3.Soldering iron	   
B (except A)	Others(Transformer Choke CAP...)	1.Cutting Pliers 2.Soldering iron	

