Product End-of-Life Disassembly Instructions

Product Category: Other Products
Marketing Name / Model [List multiple models if applicable.]
HP R/T2200 G4 NA/JP UPS

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	4
Mercury-containing components	For example, mercury in lamps, display backlights, scanner lamps, switches, batteries	
Liquid Crystal Displays (LCD) with a surface greater than 100 sq cm	Includes background illuminated displays with gas discharge lamps	
Cathode Ray Tubes (CRT)		
Capacitors / condensers (Containing PCB/PCT)		
Electrolytic Capacitors / Condensers measuring greater than 2.5 cm in diameter or height		3
External electrical cables and cords		2
Gas Discharge Lamps		
Plastics containing Brominated Flame Retardants weighing > 25 grams (not including PCBs or PCAs already listed as a separate item above)		
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.	
Components and waste containing asbestos		
Components, parts and materials containing refractory ceramic fibers		

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Components, parts and materials containing radioactive substances		

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)
Star Head Screw Driver	M3
Cross Head Screw Driver	M3,M4
Plastic Nipper	Normal
Nut Driver	M4
Electric Iron	Normal

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. Remove the middle bezel and left panel.
2. Disconnect the battery connector, and press on/off button to discharge the rest electricity.
3. Loosen the screws fixing the battery door, remove the battery door, and pull out the battery.
4. Loosen the screws fixing the top cover, and remove the top cover.
5. Disconnect the LCD cable and front FAN cable connecting to control PCBA, loosen the screws fixing the right panel ASSY, and remove the right panel ASSY.
6. Loosen the screws fixing the front FAN, and remove the front FAN.
7. Disconnect the cables connecting to Slot box, AVR, rear FAN, I/O PCBA, and rear panel ASSY, and disassemble the cable clips sticking on the mainframe, and loosen the screws fixing the main PCBA, then remove the main PCBA .
8. Cut off the cable tie, disconnect the cable connecting to I/O PCBA, loosen the nuts fixing the AVR, and then remove the AVR.
9. Remove the RPO connector, loosen the screws fixing Slot box, COM PCBA, and rear FAN, and then remove the Slot box, COM PCBA, and rear FAN.
10. Disconnect the cables connecting to the I/O PCBA, loosen the nut fixing ground cable to the mainframe, loosen the screws fixing rear panel ASSY, and then remove the rear panel ASSY.
11. Loosen the screws fixing I/O PCBA, and then remove the I/O PCBA.
12. Disassemble right panel ASSY into separate parts.

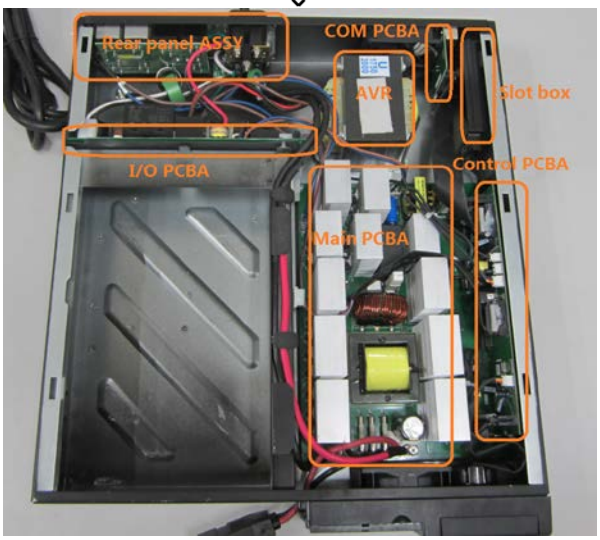
3.2 Optional Graphic. If the disassembly process is complex, insert a graphic illustration below to identify the items contained in the product that require selective treatment (with descriptions and arrows identifying locations).

1. Remove the middle bezel and left panel.

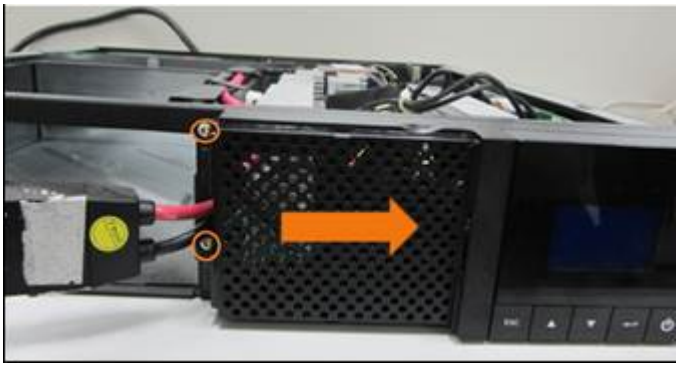
2. Disconnect the battery connector, and press on/off button to discharge the rest electricity.

3. Loosen the screws fixing the battery door, remove the battery door, and pull out the battery.

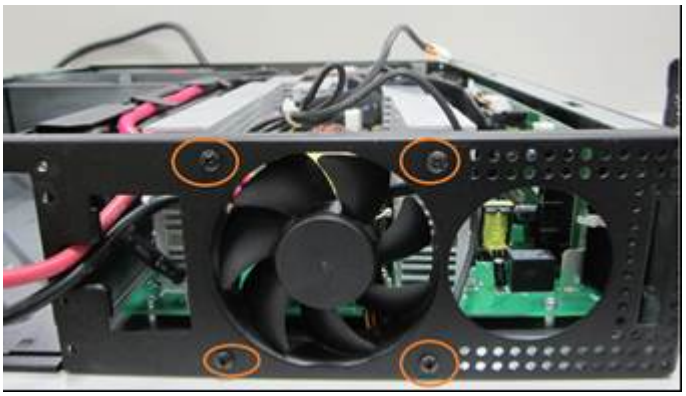
4. Loosen the screws fixing the top cover, and remove the top cover.



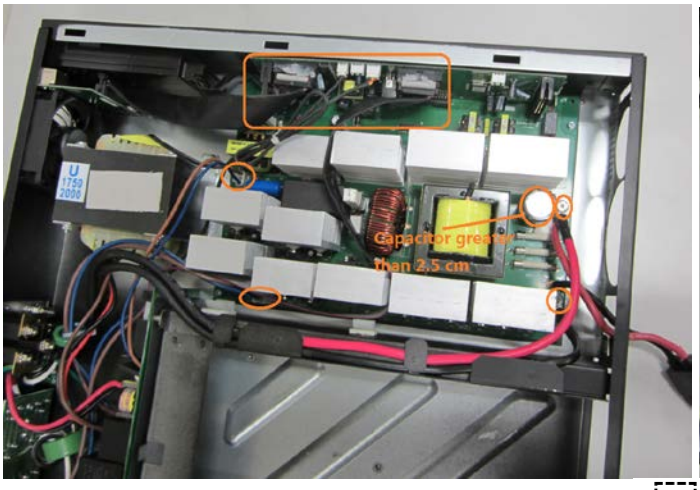
5. Disconnect the LCD cable and front FAN cable connecting to control PCBA, loosen the screws fixing the right panel ASSY, and remove the right panel ASSY

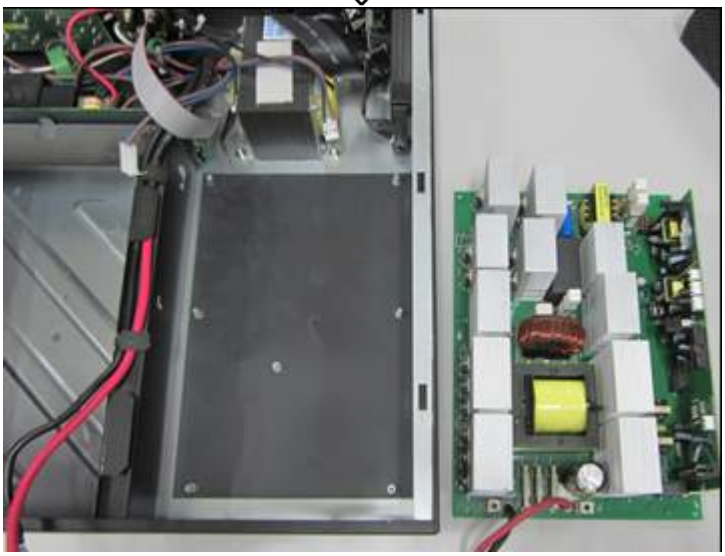


6. Loosen the screws fixing the front FAN, and remove the front FAN

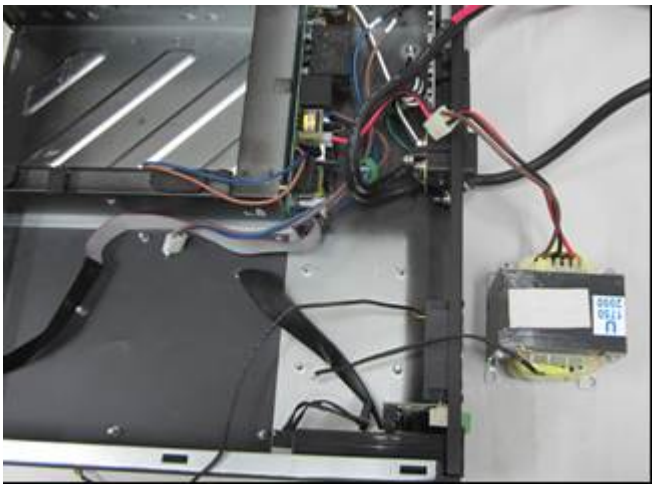


7. Disconnect the cables connecting to Slot box, AVR, rear FAN, I/O PCBA, and rear panel ASSY, and disassemble the cable clips sticking on the mainframe, and loosen the screws fixing the main PCBA, then remove the main PCBA .





8. Cut off the cable tie, disconnect the cable connecting to I/O PCBA, loosen the nuts fixing the AVR, and then remove the AVR.



9. Remove the RPO connector, loosen the screws fixing Slot box, COM PCBA, and rear FAN, and then remove the Slot box, COM PCBA, and rear FAN.

10. Disconnect the cables connecting to the I/O PCBA, loosen the nut fixing ground cable to the mainframe, loosen the screws fixing rear panel ASSY, and then remove the rear panel ASSY.

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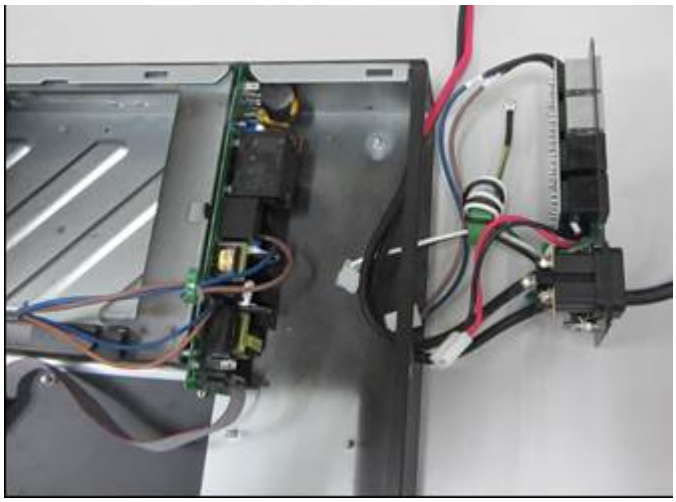
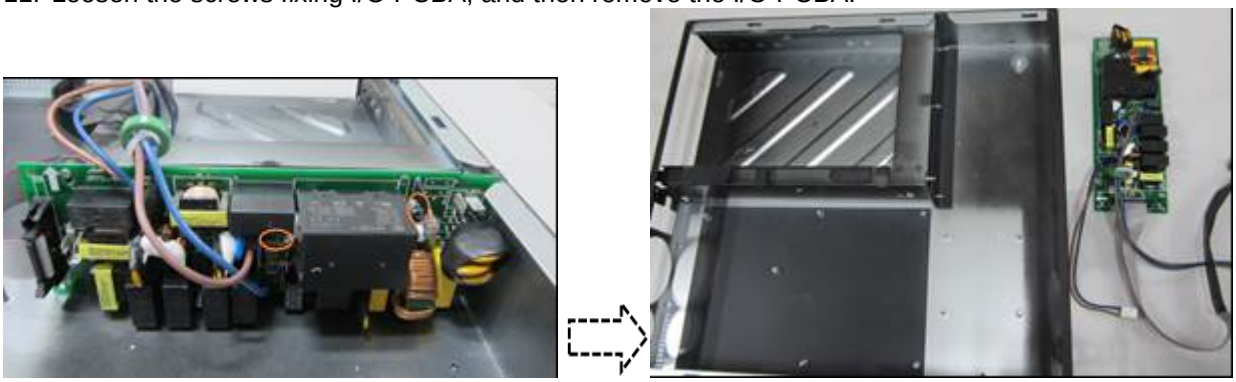


11. Loosen the screws fixing I/O PCBA, and then remove the I/O PCBA.



12. Disassemble right panel ASSY into separate parts.