



# Product End-of-Life Disassembly Instructions

Product Category: Servers

Marketing Name / Model

[List multiple models if applicable.]

HP DL170e Server 2U

**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                                                  | 12                                    |
| 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                                                 | Depending on model number                                                             | 2                                     |
| External electrical cables and cords                                                                                                     |                                                                                       | 0                                     |
| 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 |
|-------------------------------------------------------------------|--|---|

## 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) |
|------------------------|---------------------------|
| Torx screw driver      | T15                       |
| Flat head screw driver | Medium                    |
| Philips Screw Driver   | #2                        |
|                        |                           |
|                        |                           |

## 3.0 Product Disassembly Process

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

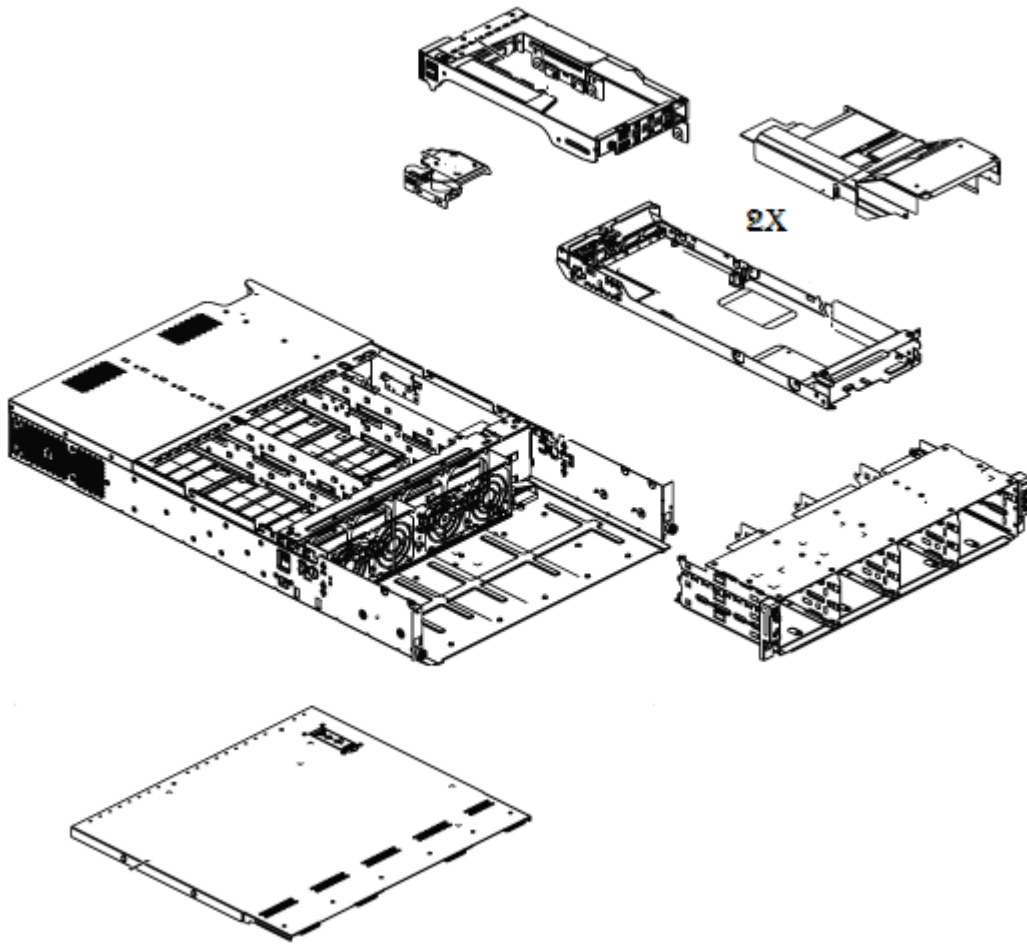
1. System Board Battery - Locate the battery on the system board. Use a medium flat head screwdriver or fingers to remove the battery and dispose of properly
2. Capacitors=>2.5CM - Remove the power supply from the system using a T-15 driver. With #2 Philips screw driver, remove the screws securing the top cover, then locate the capacitors and pry from the PCB with a medium flat head screw driver and dipose of properly.
- 3.
- 4.
- 5.
- 6.
- 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).

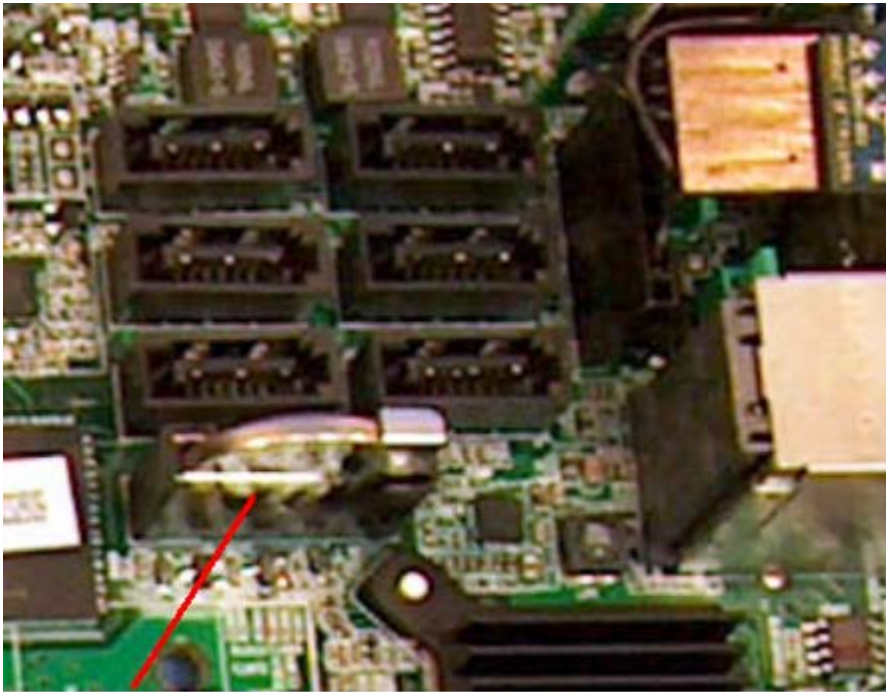
Attachment 1 – Exploded view

Attachment 2- Battery Location

Attachment 3, 4, 5, 6 - Capacitor location by model number of supply

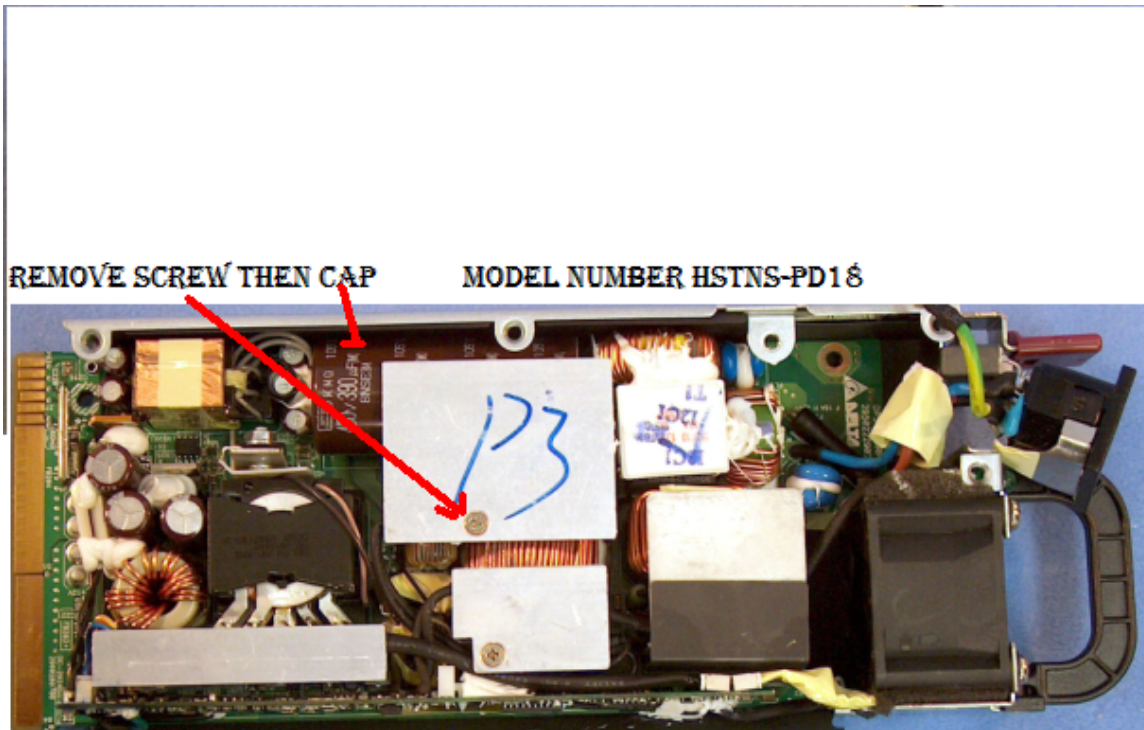


Attachment 1



**REMOVE BATTERY**

Attachment 2

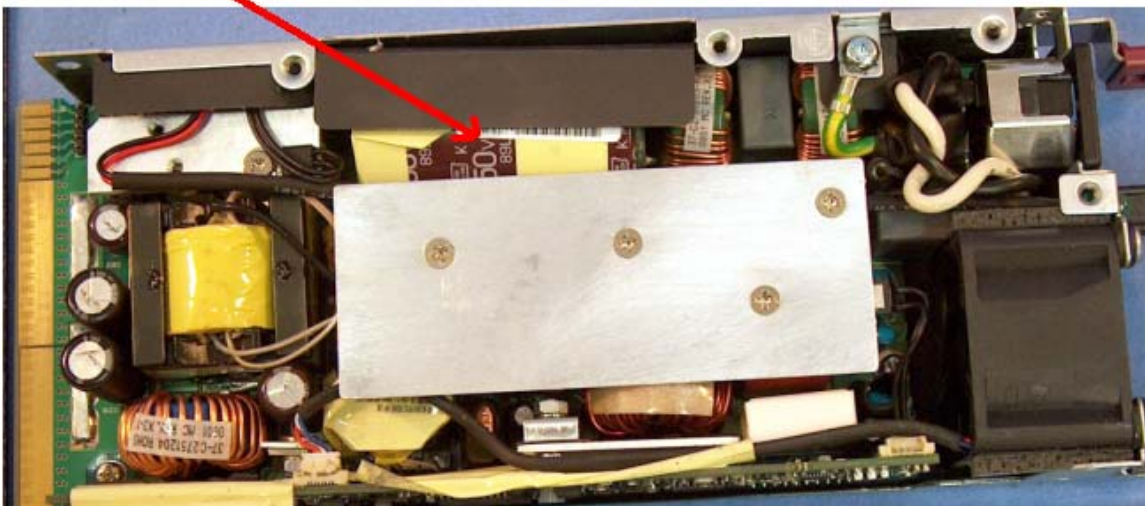


**REMOVE SCREW THEN CAP**      **MODEL NUMBER HSTNS-PD18**

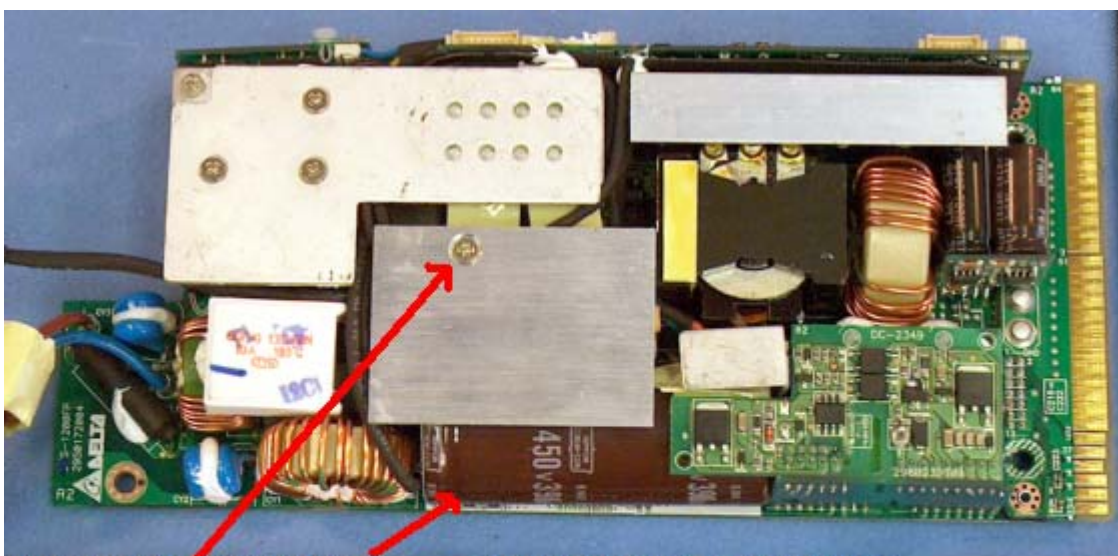
Attachment 3

REMOVE CAP

MODEL NUMBER HSTNS-PL18



Attachment 4

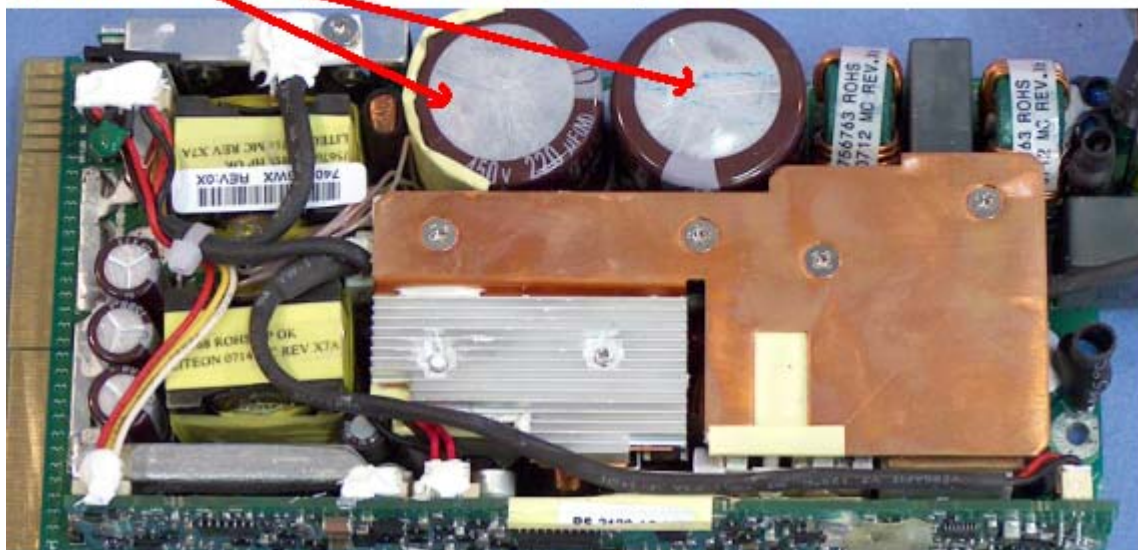


REMOVE SCREW THEN CAP

MODEL NUMBER HSTNS-PD11

Attachment 5

REMOVE CAPS MODEL NUMBER HSTNS PL11



Attachment 6