End-of-Life of HP T-series Towers Disassembly instructions

Product Identification:

Model	Description
HP T1000 XR UPS	Tower 1000 VA

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.

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 square cm	4
Batteries	Lead-Acid batteries	2
Liquid Crystal Displays (LCD) with a surface greater than 100 square cm	Includes background illuminated displays with gas discharge lamps	0
Capacitors / condensers (Containing PCB / PCT)		0
Electrolytic Capacitors / Condensers measuring greater than 1.5 cm in diameter or height		1
External electrical cables and cords	Low Voltage Only	1
Plastics containing Brominated Flame Retardants	Front panel, display panel & button	0
Components and parts containing toner and ink, including liquids, semi-liquids (gel/paste) and toner		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)
Philips Screw Driver	#2
Flat Head Screw Driver	Large
Star Head Screw Driver	T10
Wire Cutter	

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	Bezel – Manual removal
2	Battery connector - Manual disconnection
3	Removal of cover with T10 star screw driver on the rear of unit.
4	Disable the potential charge from the battery connector of PCB with 10 ohm resistor for 10 seconds.
5	Cut the external power cord (Low voltage unit)
6	Removal of the main PCBA (PSDR Assembly) with Philips Screw Driver and Wire Cutter
7	Capacitors – Pry the capacitors from the PCB with a large flat head screw driver and discard properly.

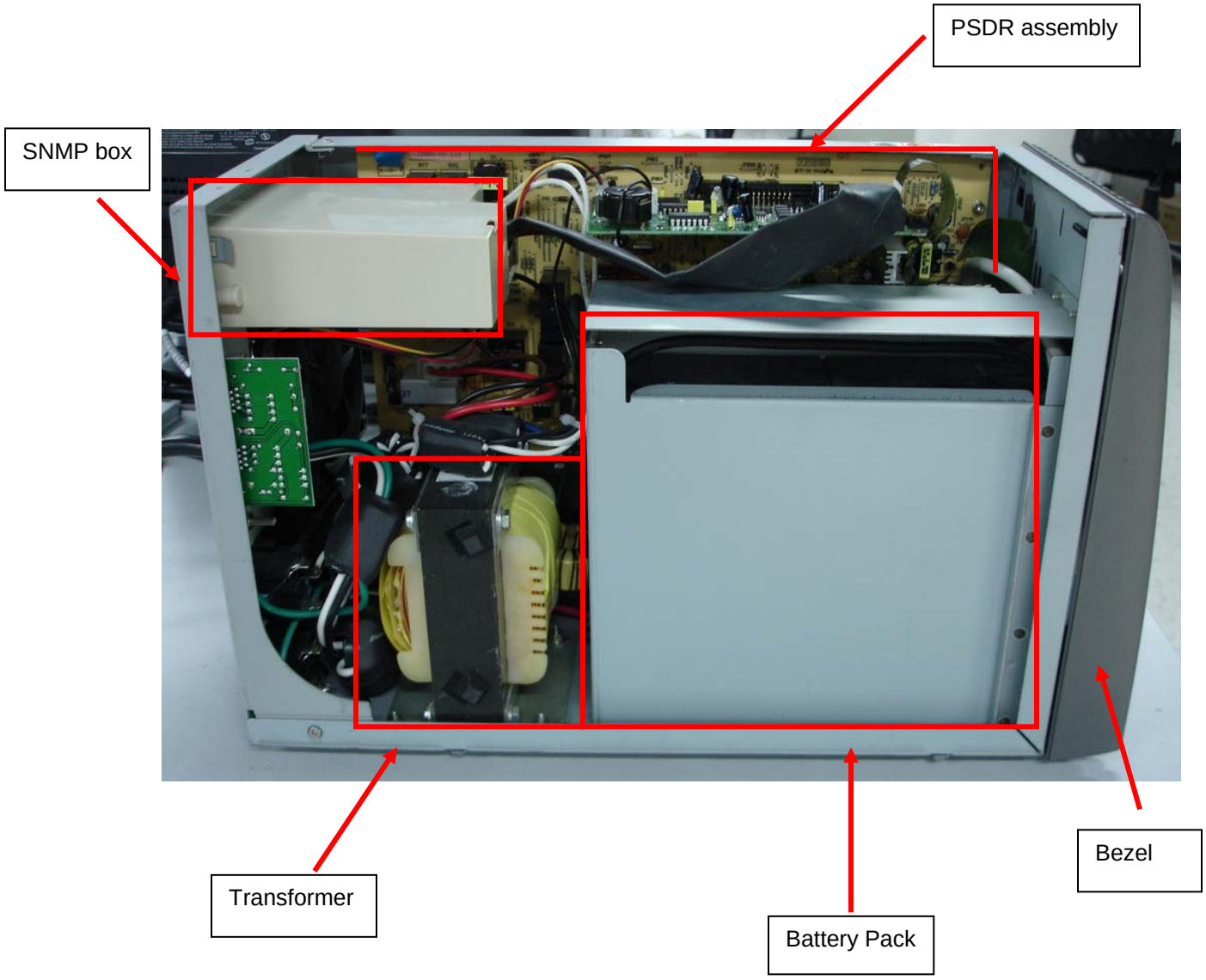
3.2 OPTIONAL: Depending upon the complexity of the disassembly process, a graphic depicting the locations of items contained within the product which require selective treatment (with descriptions and arrows identifying locations) can be inserted below:

(1) Component Location

(2) Capacitor Locations (diameter over 1.5cm)

(3) Battery Pack

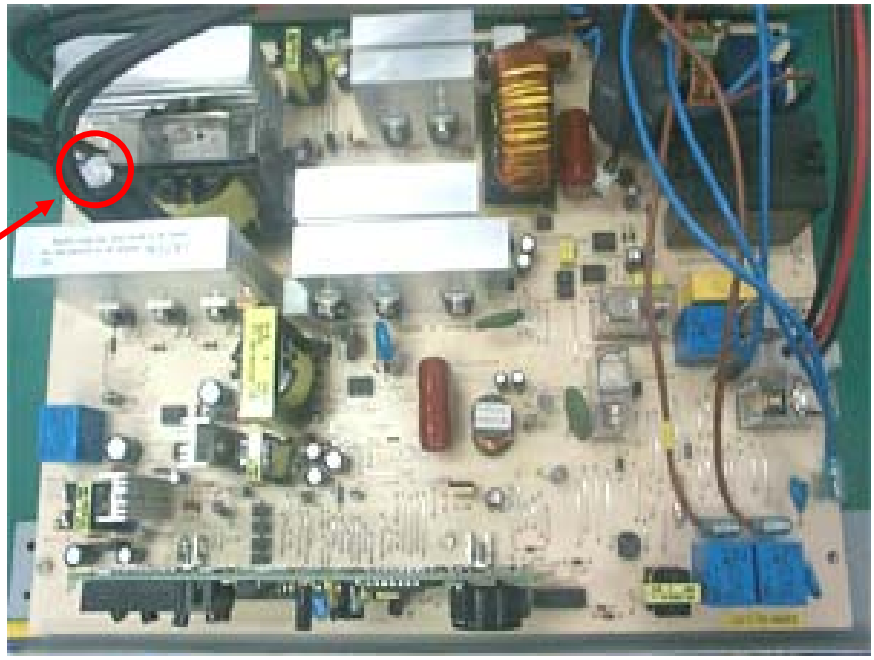
(1) The Component location of HP T1000 UPS unit



(2) Capacitor Locations (diameter over 1.5cm)

The PSDR PCB assembly of High Voltage unit

Electrolytic Capacitors measuring greater than 1.5 cm in diameter or height

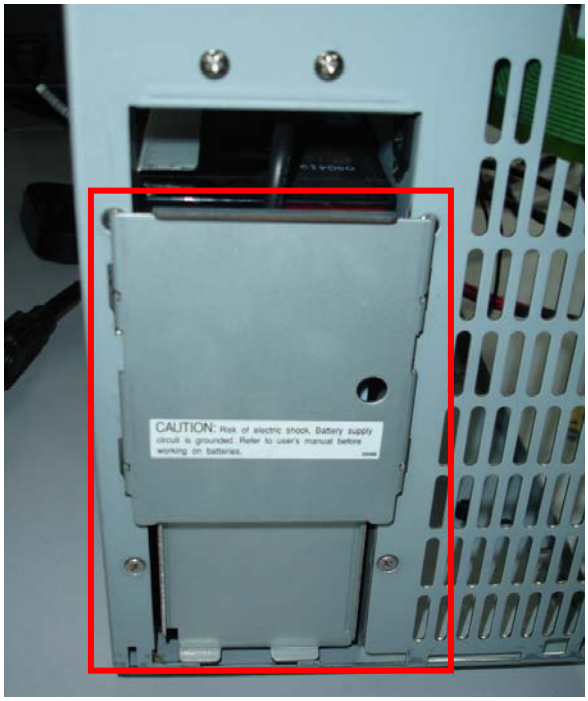


The PSDR PCB assembly of Low Voltage (US/TWN/JPN) unit

Electrolytic Capacitors measuring greater than 1.5 cm in diameter or height

(3) Battery Pack disassembly

Removal of the battery cover



PUSH

Disconnect the Batteries

Note: The battery should be properly disposed of at a local recycle /reuse or hazardous waste center.