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hp ups T1500 xr/T2200 xr models extended runtime module

installation instructions



Read Instructions Completely Before Beginning Installation Procedures

Overview

These instructions show how to install an extended runtime module (ERM). The ERM can be connected directly to a T1500 XR or T2200 XR model, or to another ERM. Up to two ERM units can be connected. Depending on the load, one ERM can extend the available UPS runtime by up to 15 minutes.

Important Safety Information

Before installing this product, read the *Important Safety Information* document provided.

WARNING:

- **The installation of this product must be performed by individuals who are knowledgeable about the procedures, precautions, and hazards associated with AC and DC power products.**
- **There are no user-serviceable components inside.**

Regulatory Compliance Information

All regulatory certifications for this product were obtained under the agency series number EO3019B. The corresponding part model number is 218969-B21.

Weight

WARNING: The ERM weighs 29 kg (64.5 lb) when fully assembled. To prevent personal injury or damage to the equipment:

29 kg
64.5 lb

- **Observe local occupational health and safety requirements and guidelines for manual material handling.**
- **Obtain adequate assistance to lift and stabilize the product during installation or removal.**

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HP UPS T1500 XR / T2200 XR Models Extended Runtime Module Installation Instructions

Second Edition (August 2002)
Part Number 215493-022

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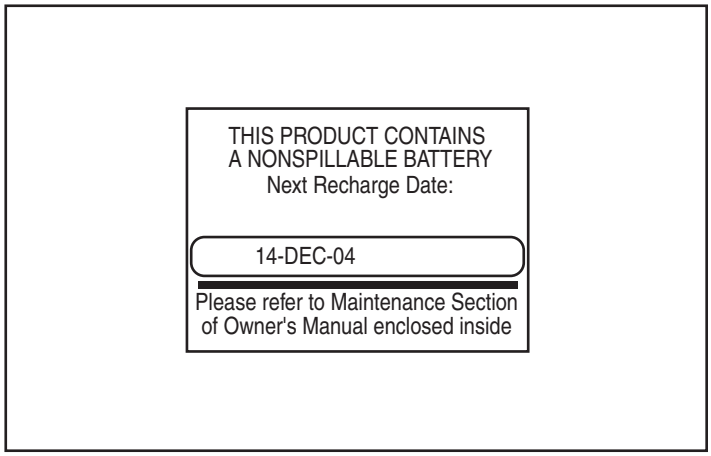
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Checking the Battery Recharge Date

Before unpacking the ERM, check the battery recharge date specified on the battery recharge date label that is affixed to the shipping carton.

IMPORTANT: Do not use the battery if the recharge date has passed. If the date on the battery recharge date label has passed without the battery being recharged, contact an HP authorized service representative for directions.

NOTE: The following label is only an example date. The date on your carton may be different.



Kit Contents

Documentation

- *Important Safety Information* guide
- *International Regulatory Compliance* guide
- This document

ERM

- ERM chassis

Cables

- ERM power cable (attached to unit)

Preparing for Installation

Powering Down the UPS

To power down the UPS:

1. Shut down all load devices.
2. Press the Standby button to take the UPS out of Operate mode. Power to the load receptacles ceases.
3. Disconnect the UPS from utility power.
4. Wait at least 60 seconds while the UPS internal circuitry discharges.

Unpacking the ERM

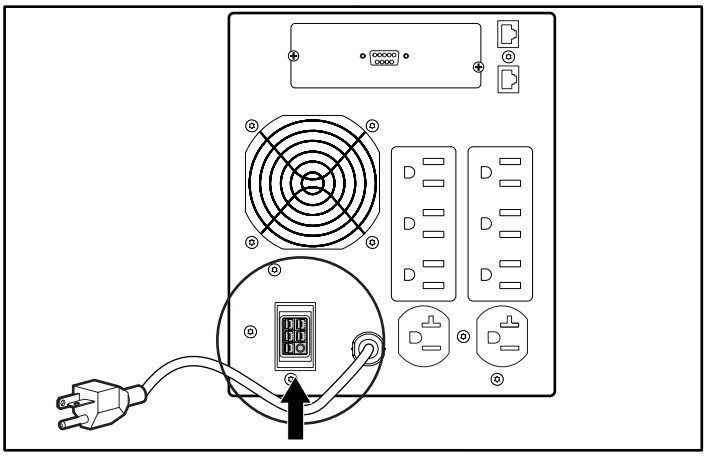
Carefully remove the kit contents from the shipping box following proper safety guidelines. Verify that all components are present.

Completing the ERM Assembly

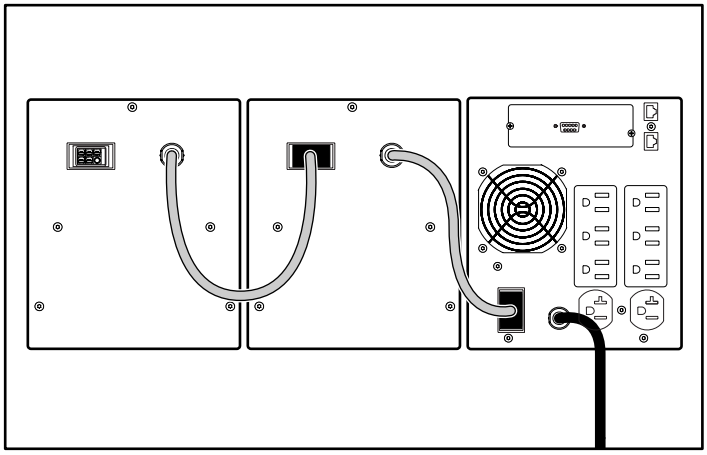
Connecting the ERM to the UPS

1. Verify that the power to the UPS is off.
2. Plug the ERM cable into the connector located at the rear of the UPS in the lower left corner.

NOTE: UPS appearance varies depending on the particular UPS ordered. Refer to the UPS user guide for the specific ERM connector location.



3. To install a second ERM, plug the cable from the second ERM into the socket at the rear of the first ERM.



Charging the Batteries

Allow the batteries to charge before putting the ERM into service.

IMPORTANT: The battery pack charges to:

- 90% of its capacity within 4 hours.
- 100% of its capacity within 24 hours.

Charge the batteries for at least 24 hours before using them to supply power to your devices.

For more information, refer to the HP website at
www.hp.com/products/ups

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