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APC SMT750C

APC Smart-UPS SMT750C User Manual

Brand: APC | Model: SMT750C

PRODUCT OVERVIEW

The APC Smart-UPS SMT750C is a 750VA / 500W Sinewave Uninterruptible Power Supply (UPS) designed to provide reliable battery backup and surge protection for servers, switches, routers, and other networking devices. It features Automatic Voltage Regulation (AVR) to maintain stable power levels and includes APC SmartConnect for cloud-enabled remote monitoring and management.



Figure 1: Front view of the APC Smart-UPS SMT750C, a compact tower design.

Key features include:

- 750VA / 500W Pure Sine Wave UPS battery backup for critical equipment.
- Input: NEMA 5-15P. Output: (6) NEMA 5-15R outlets, including one switchable outlet group.
- Automatic Voltage Regulation (AVR) to correct voltage fluctuations without using battery power.
- APC SmartConnect for cloud-based remote monitoring, notifications, and firmware updates.
- Intelligent battery management with real-time monitoring and temperature-compensated charging.

SETUP

Follow these steps to set up your APC Smart-UPS SMT750C:

1. **Unpacking:** Carefully remove the UPS unit and all accessories from the packaging. Verify that all components listed in the "What's in the Box" section are present.
2. **Battery Connection:** The UPS unit comes with batteries included. Refer to the SmartConnect Installation Guide for specific instructions on connecting the internal batteries. Ensure the battery connector is securely

seated.

3. **Placement:** Place the UPS in a cool, dry location, away from direct sunlight and heat sources. Ensure adequate ventilation around the unit. The unit is designed for tower placement.
4. **Power Connection:** Plug the UPS power cord (NEMA 5-15P) directly into a grounded wall outlet. Avoid using extension cords or surge protectors with the UPS input.
5. **Device Connection:** Connect your equipment (servers, switches, routers, etc.) to the NEMA 5-15R output receptacles on the rear of the UPS. Utilize the switchable outlet group for devices you wish to control remotely or shut down gracefully.
6. **Initial Charge:** Allow the UPS to charge for at least 24 hours before connecting critical loads or performing any self-tests to ensure full battery capacity.
7. **Network Connection (Optional):** For SmartConnect features, connect an Ethernet cable from the UPS's SmartConnect Ethernet port to your network. Follow the SmartConnect Installation Guide for cloud monitoring setup.



Figure 2: Rear view of the UPS, highlighting the NEMA 5-15R output receptacles and network port.

OPERATING INSTRUCTIONS

Your Smart-UPS SMT750C is designed for ease of use. Here are basic operating procedures:

- **Power On/Off:** Press the power button on the front panel to turn the UPS on or off.

- **LCD Display:** The intuitive LCD interface provides real-time status updates including load percentage, battery capacity, estimated runtime, input/output voltage, and efficiency. Use the navigation buttons to scroll through different display screens and access menu options.
- **Self-Test:** Periodically perform a self-test to ensure the UPS battery is functioning correctly. This can typically be initiated through the LCD menu or via the SmartConnect interface.
- **Power Outage:** In the event of a power outage, the UPS will automatically switch to battery power. The estimated runtime will be displayed on the LCD. For graceful shutdown of connected equipment, utilize the PowerChute Business Edition software (included on CD) or the SmartConnect features.
- **Automatic Voltage Regulation (AVR):** The UPS automatically adjusts high and low voltages to a safe level, protecting your connected devices without engaging the battery.



Figure 3: The UPS seamlessly integrated into a typical office workstation, providing power protection.

MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your UPS:

- **Battery Replacement:** The UPS features intelligent battery management that provides battery replacement recommendations. Batteries typically need replacement every 3-5 years, depending on usage and environmental conditions. Use only genuine APC replacement batteries.
- **Cleaning:** Keep the UPS clean and free of dust. Use a dry cloth to wipe down the exterior. Do not use liquid cleaners or aerosols.
- **Environmental Conditions:** Operate the UPS within the specified temperature and humidity ranges to prevent damage and ensure optimal battery life.
- **Firmware Updates:** Regularly check for and apply firmware updates via the SmartConnect portal to ensure your UPS has the latest features and security enhancements.

TROUBLESHOOTING

This section provides solutions to common issues. For more detailed troubleshooting, refer to the full User Manual (PDF) or contact APC support.

Problem	Possible Cause	Solution
UPS does not turn on.	Battery not connected or low charge.	Ensure battery connector is fully seated. Allow UPS to charge for 24 hours.
UPS beeps continuously.	On battery power due to power outage or low battery.	Check utility power. If power is restored, the beeping should stop. If battery is low, allow it to recharge.
Connected equipment loses power.	UPS overloaded or battery depleted.	Reduce load on the UPS. Check LCD for overload warning. Allow battery to recharge.
SmartConnect not connecting.	Network issue or incorrect configuration.	Verify Ethernet cable connection. Check network settings and firewall rules. Refer to SmartConnect guide.

SPECIFICATIONS

Feature	Detail
Model Number	SMT750C
Capacity (VA/Watts)	750VA / 500W
Input Voltage	120 Volts
Output Receptacles	(6) NEMA 5-15R
Input Plug	NEMA 5-15P
Battery Type	Sealed Lead Acid (2 included)
Product Dimensions (D x W x H)	14.53 x 5.43 x 6.34 inches
Item Weight	27.5 pounds
Color	Black

WARRANTY & SUPPORT

APC provides comprehensive warranty and support for your Smart-UPS SMT750C:

- **UPS Warranty:** 3 years repair or replace (excluding battery).
- **Battery Warranty:** 2 years for battery.
- **Connected Equipment Protection Policy:** Up to \$150,000.
- **SmartConnect Free Trial:** For units purchased and/or registered after August 1, 2023, SmartConnect will be offered as a 6-month free trial.

For technical support, warranty claims, or additional information, please visit the official APC website or refer to the contact information provided in your product documentation.

INCLUDED ACCESSORIES

Your APC Smart-UPS SMT750C package includes:

- UPS unit
- SmartConnect Installation Guide
- User Manual
- PowerChute Business Edition Installation CD
- User Documentation CD
- Safety Information
- Ethernet Cable
- USB Cable



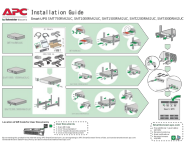
IMPORTANT SAFETY INFORMATION

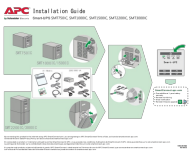
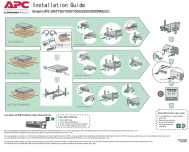
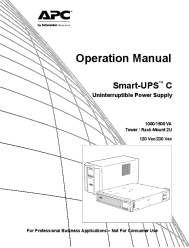
Please read all safety instructions before installing or operating your UPS. This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm (Proposition 65 warning). Always follow local regulations for battery disposal.

PRODUCT VIDEOS

No official seller videos are available for this product at this time. Please refer to the written instructions and diagrams for guidance.

Related Documents - SMT750C

	<p>APC Smart-UPS Operation Manual: Installation, Safety, and Troubleshooting Guide</p> <p>Official operation manual for APC Smart-UPS Uninterruptible Power Supply (UPS) units. Covers installation, safety, operation, configuration, and troubleshooting for models like SMT series. Provides essential power protection guidance.</p>
	<p>APC Back-UPS BX Series User Manual: Installation, Operation, and Troubleshooting</p> <p>Comprehensive user manual for APC Back-UPS BX Series (500VA to 2200VA) from Schneider Electric, covering safety instructions, product description, operational features, installation, troubleshooting, service, and warranty information.</p>
	<p>APC Smart-UPS Installation Guide: SMT750RMI2UC to SMT3000RMI2UC</p> <p>This guide provides installation instructions for APC Smart-UPS models SMT750RMI2UC, SMT1000RMI2UC, SMT1500RMI2UC, SMT2200RMI2UC, and SMT3000RMI2UC. It covers rack mounting, connections, and SmartConnect setup.</p>

 <p>APC Installation Guide Smart-UPS SMT750IC, SMT1000IC, SMT1500IC, SMT2200IC, SMT3000IC</p>	<p>APC Smart-UPS Installation Guide for SMT750IC, SMT1000IC, SMT1500IC, SMT2200IC, SMT3000IC</p> <p>This installation guide provides instructions for setting up APC Smart-UPS models SMT750IC, SMT1000IC, SMT1500IC, SMT2200IC, and SMT3000IC. It covers connecting the UPS, power cords, and information about the SmartConnect feature.</p>
 <p>APC Installation Guide Smart-UPS SMT750-3000RM2UC</p>	<p>APC Smart-UPS SMT750-3000RM2UC Installation Guide Schneider Electric</p> <p>Comprehensive installation guide for APC Smart-UPS SMT750, SMT1000, SMT1500, SMT2200, and SMT3000RM2UC rackmount UPS models. Learn how to unpack, install, and connect your UPS.</p>
 <p>APC Operation Manual Smart-UPS™ C Uninterruptible Power Supply</p> <p>1000/1500 VA Tower / Rack Mount (11) UPB1000/1500-001</p> <p>For Professional Business Applications, Not For Consumer Use</p>	<p>APC Smart-UPS C Operation Manual</p> <p>Operation manual for the APC Smart-UPS C series, covering installation, safety, specifications, and troubleshooting for 1000/1500 VA models.</p>