

APC SMC1000

APC SMC1000 Smart-UPS 1000VA LCD UPS User Manual

Model: SMC1000

PRODUCT OVERVIEW

The APC SMC1000 Smart-UPS 1000VA is a reliable uninterruptible power supply designed to protect your electronic devices from power outages, surges, and fluctuations. It provides battery backup power and surge protection for critical equipment, ensuring continuous operation and data integrity.

Key Features

- 1000VA / 600W Battery Backup Uninterruptible Power Supply (UPS)
- Pure Sine Wave UPS provides highest degree of compatibility with active PFC power supplies and electronics
- 8 battery backup and surge protector outlets
- Smart UPS battery backup with LCD Display
- Network-grade power supply conditioning protects from damaging surges and disruptive noise. Solid state automatic voltage regulation (AVR) boosts low input voltage and trims high voltage without battery operation. Network manageable via serial, USB or optional ethernet



Front view of the APC SMC1000 Smart-UPS 1000VA LCD UPS, showcasing its compact design and front panel display.

SETUP INSTRUCTIONS

Unpacking

Carefully remove the UPS unit and all accessories from its packaging. Inspect the unit for any signs of damage. Retain packaging for future transport or storage.

Connecting the UPS

1. Connect the UPS power cord to a properly grounded 120-Volt AC outlet.
2. Connect your critical equipment (e.g., computer, monitor, router) to the 'Battery Backup & Surge Protected' outlets. These outlets provide power during outages and protect against surges.
3. Connect non-critical equipment (e.g., printer, scanner) to the 'Surge Only' outlets. These outlets provide surge protection but no battery backup.
4. For network manageability, connect the RJ-45 Serial or USB cable from the UPS to your computer or network

device.



Rear view of the APC SMC1000 Smart-UPS, illustrating the various outlets for battery backup and surge protection, along with communication ports.

Initial Power On

Press the power button on the front panel of the UPS. The LCD display will illuminate, and the unit will perform a self-test. Allow the unit to charge for at least 24 hours before relying on its full battery capacity.

OPERATING INSTRUCTIONS

LCD Display Overview

The front LCD display provides real-time information about the UPS status, including input/output voltage, load level, battery charge status, and estimated runtime. Use the navigation buttons to cycle through different display screens and access settings.



Close-up of the APC SMC1000 Smart-UPS LCD display, showing current voltage, load, and battery charge level.

Power On/Off

To power on the UPS, press and hold the power button until the LCD illuminates. To power off, press and hold the power button until the display turns off.

Battery Backup Functionality

In the event of a power outage, the UPS will automatically switch to battery power, providing uninterrupted power to connected critical devices. The LCD will display the estimated remaining runtime based on the current load. The unit also features front-panel USB-A and USB-C charging ports for mobile devices.

Official APC video demonstrating the features and functionality of the Smart-UPS C series, including its LCD display and battery backup capabilities.

MAINTENANCE

Battery Replacement

The SMC1000 uses a user-replaceable battery module (APCRBC142). When the battery needs replacement, the UPS will indicate this on the LCD. Always power off the UPS and disconnect it from the wall outlet before attempting battery replacement. Follow the specific instructions provided in the full product manual for safe and proper battery module installation.

Cleaning

Regularly clean the exterior of the UPS with a dry cloth. Ensure ventilation openings are free from dust and debris to maintain proper airflow and prevent overheating. Do not use liquid cleaners or solvents.

TROUBLESHOOTING

Issue	Possible Cause	Solution
UPS does not turn on	Not connected to AC power; Battery not connected or discharged	Ensure power cord is securely plugged into a live AC outlet. Connect the internal battery. Allow 24 hours for initial charge.
UPS beeps frequently	On battery power; Overload condition; Low battery	Check AC power. Reduce connected load. Allow battery to recharge.
Short runtime on battery	Battery is weak or old; Overload condition	Replace battery module. Reduce connected load.
UPS makes a buzzing sound	Normal operation during battery mode or AVR adjustment	This is often normal. If persistent and loud during normal AC operation, ensure proper ventilation and check for loose components.

Issue	Possible Cause	Solution
LCD shows ASK A QUESTION ABOUT THIS MANUAL Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it. Name Anonymous Email you@example.com After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details. Question Example: How do I reset this device or fix this erro Details Model number, symptoms, what you tried, or the s Submit question		