

# APC Smart-UPS Features and Benefits

APC SMART-UPS systems offer best-in-class performance and durability.

Here are more APC Smart-UPS features and benefits that become available to you when you invest in this most-trusted range of UPS.:

**Boost and Trim Automatic Voltage Regulation (AVR):** Gives higher application availability by correcting low and high voltage conditions without using the battery (not available on all models).

**Intelligent battery management:** Maximizes battery performance, life, and reliability through intelligent, precision charging.

**Power conditioning:** Protects connected loads from surges, spikes, lightning, and other power disturbances.

**Temperature-compensated battery charging:** Prolongs battery life by regulating the charge voltage according to battery temperature.

**Automatic restart of loads after UPS shutdown:** Automatically starts up the connected equipment upon the return of utility power.

**Automatic self-test:** Periodic battery self-test ensures early detection of a battery that needs to be replaced.

**Disconnected battery notification:** Warns when a battery is not available to provide backup power.

**Network manageable:** Provides remote management of the UPS over the network.

**Audible alarms:** Actively let you know if the unit is on battery, if the battery is low or if there is an overload condition.

**LED status indicators:** Quickly understand unit and power status with visual indicators.

**Serial Connectivity:** Provides management of the UPS via a serial port.

**USB connectivity:** Provides management of the UPS via a USB port (not available on all models).

**Disconnected battery notification:** Warns when a battery is not available to provide backup power.

**User-replaceable batteries:** Increases availability by allowing a trained user to perform upgrades and replacements of the batteries reducing Mean Time to Repair (MTTR)

**Hot-swappable batteries:** Ensures clean, uninterrupted power to protected equipment while batteries are being replaced

**Predictive failure notification:** Provides early-warning fault analysis ensuring proactive component replacement.

**Resettable circuit breakers:** Enables a quick recovery from overload events.

**Battery failure notification:** Provides early-warning fault analysis on batteries enabling timely preventive maintenance

**Adjustable voltage-transfer points:** Maximizes useful battery life by widening the input voltage window or tightening the output voltage regulation.

**Adjustable voltage sensitivity:** Provides the ability to adapt the UPS for optimal performance in specific power environments or generator applications.

**Safety-agency approved:** Ensures the product has been tested and approved to work safely with the connected service provider equipment and within the specified environment.