Smart-UPS™

Line interactive Model Positioning Guide

APC by Schneider Electric designs and manufactures a variety of Smart-UPS models to address a wide range of needs and budgets. Line interactive models range in size from 420VA up to 5kVA and are equipped with features that address the most common power problems and application environments.

	Entry Level SMC	Standard SMT	Extended Run SMX
Ideal for…	Home and small business with entry level servers or point of sale equipment	IT manager or network administrator with servers, network switches and gateways.	IT and telecom managers with critical application servers, VoIP gateways and security devices.
Who needs…	An **affordable** and **compatible** UPS to protect their equipment and data.	Class leading protection from costly network downtime due to common power disturbances.	A UPS to ride through power outages that may last hours.
Our product is…	An entry level Smart-UPS that provides **proven reliability for peace of mind**	**The world's most popular network manageable UPS** that is trusted by millions worldwide for reliability and availability	A **scalable runtime** Smart-UPS that provides high availability for critical equipment
Our product is <u>unlike</u>…	Cheaper stepped sine wave UPS's from Asia	Less intelligent UPS's that can not be tailored to the application	More efficient than double conversion UPS's or costly generators
Our product…	Has pure sine wave output	Is benchmark by which all other UPS's in this category are measured	Accepts up to 10 external battery packs for the longest availability without a generator

How do you choose the right Smart-UPS™ model?

Step 1: Consider Your Application

What type of equipment is being protected?
Do you know what the equipment power requirements are (load, type of receptacles)?
How do you intend to install and manage the UPS?

Step 2: Use APC's on-line product selector

www.apc.com/tools/ups_selector/index.cfm

Step 3: Contact APC for Assistance

Sales support 877-272-2722

On-line chat and email also available at www.apc.com/site/support/

Key UPS Considerations:

- Load size, in VA or watts
- Form factor: rack, tower or convertible
- Runtime required , in minutes or hours
- Input on-site and receptacles required
- Graceful shutdown needs, single server shutdown or multiple networked devices
- Accessories, such as management cards, maintenance bypass, extended warranty, etc.

APC®
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	Entry Level SMC	Standard SMT	Extended Run SMX
	The economical choice for small switches, POS, network workstations and entry level servers.	*The most popular "server-class" UPS in the world.*	*Scalable runtime high availability applications – critical servers, VoIP switches, security.*

✓ Pure Sine-wave Output
✓ Software for management and OS shutdown
✓ USB and serial communication ports
✓ Highly efficient green operating mode
✓ LCD Display with status LEDs
✓ Automatic voltage regulation (AVR)
✓ Rugged sheet metal construction

✓ Extended Range AVR boost and Trim
✓ Configurable LCD Display
✓ Switched outlet group
✓ Rack mount rails included (RM SKUs)
✓ Smart-Slot for accessories
✓ 3 Year-limited warranty

✓ Rack/Tower Convertibility
✓ Scalable runtime with intelligent packs
✓ Switched Outlet Groups (up to 3)
✓ Emergency power off (EPO) – standard
✓ Models with network cards pre-installed

Best Price	Best Value	Best Performance

Best Price Minimum acceptable product features and system availability at low pricing
Best Value Balance of product features, system availability and attractive pricing
Best Performance Highest levels of product features and system availability

Resources Available from APC

www.apc.com
➢ www.apc.com/smartups
➢ www.apc.com/tools/ups_selector/index.cfm

APC White Papers
➢ The different types of UPS systems [WP-1]
➢ Effect of UPS on System Availability [WP-24]

APC Application Notes

➢ Smart-UPS Communications [AN-181]
➢ USB HID implementation in Smart-UPS [AN-178]
➢ Modbus Implementation in Smart-ups [AN-176]
➢ Switched Outlet Groups [AN-166]
➢ Power Protection for Cisco VoIP [AN-50]

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