

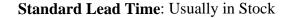
Smart-UPS XL

APC Smart-UPS XL Modular 3000VA 120V Rackmount/Tower



APC Smart-UPS XL, 2850 Watts / 3000 VA,Input 120V / Output 120V, Interface Port DB-9 RS-232, RJ-45 10/100 Base-T, USB, Extended runtime model, Rack Height 2 U

Includes: CD with software, Installation guide, Rack Mounting brackets, Rack Mounting support rails, Smart UPS signalling RS-232 cable, USB cable, User Manual, Web/SNMP Management Card





SUM3000RMXL2U Features

Modular design	Increases adaptability with an open architecture configurable to any IT environment.
Modular design	Modular construction - can be deployed as a non-standby and migrate to a standby (UPS) system.
Automatic internal bypass	Supplies utility power to the connected loads in the event of a UPS overload condition or fault.
USB Connectivity	Provides management of the UPS via a USB port (not available on all models).
Rack/Tower convertible	Protects the initial investment in the UPS when migrating from tower to rack- mount environment.
Modular design	Provides fast serviceability and reduced maintenance requirements via self-diagnosing, field-replaceable modules.
Modular design	Modular design provides scalable solutions to add cooling as demand increases.
User-replaceable modules	
Remote group outlet control	

Smart-UPS XL Features & Benefits

Availability

Scalable runtime Boost and Trim	Allows additional run time to be quickly added as needed. Gives higher application availability by correcting low and high voltage
Automatic Voltage Regulation (AVR)	conditions without using the battery.
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.
Intelligent Battery Management	Maximizes battery performance, life, and reliability through intelligent, precision charging.
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.
Cold-start capable	Provides temporary battery power when the utility power is out.
Disconnected battery notification	Warns when a battery is not available to provide backup power.
Generator Compatible	Ensures clean, uninterrupted power to protected equipment when generator power is used.
Manageability	

Network manageable Provides remote management of the UPS over the network. SmartSlot Customize UPS capabilities with management cards. 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. Warns when a battery is not available to provide backup power. Disconnected battery notification Serial Connectivity Provides management of the UPS via a serial port. InfraStruXure Enables centralized management via the APC InfraStruXure® Manager. Manager Compatible Serviceability User-replaceable Increases availability by allowing a trained user to perform upgrades and batteries replacements of the batteries reducing Mean Time to Repair (MTTR) Hot-swappable Ensures clean, uninterrupted power to protected equipment while batteries batteries are being replaced Predictive failure Provides early-warning fault analysis ensuring proactive component notification replacement. Resettable circuit Enables a quick recovery from overload events. breakers

Adaptability

Safety

Plug-and-Play external Ensures clean, uninterrupted power to the loads when adding extra runtime to batteries the UPS.

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

Adjustable voltage Provides the ability to adapt the UPS for optimal performance in specific sensitivity

power environments or generator applications.

Safety-agency Ensures the product has been tested and approved to work safely with the connected service provider equipment and within the specified environment. approved UL, FCC, CE, C-Tick approvals.

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Output

Output Power Capacity 2850 Watts / 3000 VA

Max Configurable Power 2850 Watts / 3000 VA

Nominal Output Voltage 120V

Efficiency at Full Load 95%

Output Connections (6) NEMA 5-15R

(2) NEMA 5-20R

Bypass Internal Bypass (Automatic and Manual)





Input

Nominal Input Voltage 120V

Input Frequency 50/60 Hz +/- 3 Hz (auto sensing)

Input Connections NEMA L5-30P

(D)

Cord Length 3.05 meters

Input voltage range for main 82 - 147V

operations

Input voltage adjustable range for 75 - 154V

mains operation

Batteries & Runtime

Battery Type VRLA

Typical recharge time 3 hour(s)

Replacement Battery RBC43

RBCTM Quantity 1

Typical Backup Time 11.9 minutes (1425 Watts)

at Half Load

Typical Backup Time 3.5 minutes (2850 Watts)

at Full Load

Runtime Chart Smart-UPS XL

Extended Run Options <u>APC Smart-UPS XL Modular 3000VA 120V Rackmount/Tower</u>

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Communications & Management

Interface Port(s) DB-9 RS-232,RJ-45 10/100 Base-T,USB

Pre-Installed SmartSlotTM Cards AP9619

Control panel LED status display with load and battery bar-graphs and On Line : On Battery :

Replace Battery: Overload and Bypass Indicators

Audible Alarm Alarm when on battery : distinctive low battery alarm : configurable delays

Emergency Power Off (EPO) Optional

Surge Protection and Filtering

Surge energy rating 540 Joules

Filtering Full time multi-pole noise filtering : 0.3% IEEE surge let-through : zero clamping

response time: meets UL 1449

Physical

Maximum Height 86.00 mm

Maximum Width 432.00 mm

Maximum Depth 678.00 mm

Rack Height 2U

Net Weight 46.82 KG

Shipping Weight 56.82 KG

Shipping Height 250.00 mm

Shipping Width 596.00 mm

Shipping Depth 980.00 mm

Color Black

Units per Pallet 8.00

Environmental

Operating Environment 0 - 40 °C

Operating Relative Humidity 0%

Operating Elevation 0-3000 meters

Storage Temperature -5 - 55 °C

Storage Relative Humidity 0%

Storage Elevation 0-9000 meters

Audible noise at 1 meter from 55.00 dBA

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surface of unit

Online Thermal Dissipation 300.00 BTU/hr

Conformance

Regulatory Approvals	BSMI,CSA,FCC Part 15 Class A,NOM,UL 1778,VCCI

Standard Warranty 2 years repair or replace

^{**}The time to recharge to 90% of full battery capacity following a discharge to shutdown using a load rated for 1/2 the full load rating of the UPS.