

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

Standard Lead Time: Usually in Stock



SUM3000RML2U 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	Allows additional run time to be quickly added as needed.
Boost and Trim Automatic Voltage Regulation (AVR)	Gives higher application availability by correcting low and high voltage 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 SmartSlot	Provides remote management of the UPS over the network.
Audible Alarms	Customize UPS capabilities with management cards.
LED status indicators	Actively let you know if the unit is on battery, if the battery is low or if there is an overload condition.
Disconnected battery notification	Quickly understand unit and power status with visual indicators.
Serial Connectivity	Warns when a battery is not available to provide backup power.
InfraStruXure Manager Compatible	Provides management of the UPS via a serial port.
Serviceability	Enables centralized management via the APC InfraStruXure® Manager.
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.
Adaptability	
Plug-and-Play external batteries	Ensures clean, uninterrupted power to the loads when adding extra runtime to the UPS.
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	
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. UL, FCC, CE, C-Tick approvals.

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	
Cord Length	3.05 meters	
Input voltage range for main operations	82 - 147V	
Input voltage adjustable range for mains operation	75 - 154V	

Batteries & Runtime

Battery Type	VRLA	
Typical recharge time	3 hour(s)	
Replacement Battery	RBC43	
RBC™ Quantity	1	
Typical Backup Time at Half Load	11.9 minutes (1425 Watts)	
Typical Backup Time at Full Load	3.5 minutes (2850 Watts)	
Runtime Chart	Smart-UPS XL	
Extended Run Options	APC Smart-UPS XL Modular 3000VA 120V Rackmount/Tower	

Communications & Management

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

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.