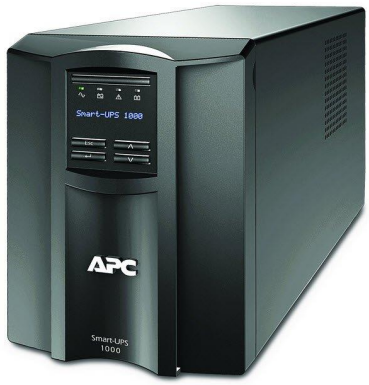
ComX Computers
Product Specification Sheet

SMT1000IC

APC Smart-UPS 1000VA LCD 230V with SmartConnect

Product Overview

APC Smart-UPS 1000VA LCD 230V with SmartConnect (Cloud Enabled UPS)



Specifications

Overview:

Intelligent and efficient network power protection from entry level to scaleable runtime. Ideal UPS for servers, point-of-sale, routers, switches, hubs and other network devices.

Features:

Cold-start capable
Provides temporary battery power when the utility power is out.

Energy meter
Provides actual kilowatt hours of usage for energy conscious users.

Green mode
Patent-pending operating mode that bypasses unused electrical components in good power conditions to achieve very high operating efficiency without sacrificing any protection.

High online efficiency
Reduces utlility costs, generates less heat.

Intuitive LCD interface
Provides clear and accurate information in multiple languages with the ability to configure the UPS locally with easy to use navigation keys.

Predictive replace battery date
Dynamically provides the month and year when battery replacement is recommended to aide in long term maintenance planning.

Pure sine wave output on battery

Simulates utility power to provide the highest degree of compatibility for active PFC (power factor corrected) servers and sensitive electronics.

Single switched outlet group
Single outlet group that may be controlled separately from the UPS for discrete reboot of hung devices, sequenced on/off and non-critical load shedding.

SmartConnect
Innovative, easy to use remote monitoring feature that provides automatic notifications, firmware updates, and advanced support services.

SmartSlot
Customize UPS capabilities with management cards.

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

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

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

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

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

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

Resettable circuit breakers
Enables a quick recovery from overload events.

Low operating and maintenance costs with high efficiency, proven reliability and intelligent battery management
Patented green operating mode achieves efficiencies over 97%. Smart-ups was the first network UPS to be Energy Star certified. Intelligent battery management, pioneered by APC, maximizes battery performance and life through intelligent, precision temperature compensated charging. Dynamic battery replacement date indicator and automatic self tests insure battery reliability and warn in advance of needing replacement. Convenient, easy to connect, hot-swappable battery modules provide battery replacement without powering down. Designed and manufactured by APC for over 23 years, Smart-UPS is the world's most trusted network UPS with over 25 million units sold.

Save time with easy and convenient remote accessibility
Network manageable via serial, USB or optional ethernet. Includes Powerchute® Business Edition Software for convenient monitoring and control, safe operating system shutdown and innovative energy management capabilities.

Avoids costly power problems by keeping your IT equipment and data safe and available

Network grade power conditioning protects from damaging surges and disruptive noise. Solid state automatic voltage regulation boosts low input voltage up to 30% and trims high voltage up to 12% without battery operation. Reliable battery back-up capacity to power through outages or gracefully shutdown systems

Smarter productivity with ability to tailor to your specific application needs
Intuitive LCD interface provides clear information with the ability to configure the UPS locally with easy to use navigation keys. Over 15 different programmable settings including switched outlet group control allow for application specific settings, thresholds and notifications.

Peace of mind that comes with full equipment compatibility and reliability of a leader
Provides pure sine wave output which is recommended by server manufacturers using active power factor corrected (PFC) power supplies. Safety agency tested and approved means that you can deploy Smart-UPS with confidence that they meet or exceed the industry's most rigorous standards.

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

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

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

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

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

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

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).

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.

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.

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

Network manageable
Provides remote power management of the UPS over the network.

Specifications:

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Specifications	
Product Code	SMT1000IC
Output	
Output power capacity	700Watts / 1.0 kVA
Max Configurable Power (Watts)	700Watts / 1.0 kVA
Nominal Output Voltage	230V
Output Voltage Note	Configurable for 220 : 230 or 240 nominal output voltage
Output Voltage Distortion	Less than 5%
Output Frequency (sync to mains)	50/60Hz /- 3 Hz
Other Output Voltages	220, 240
Topology	Line Interactive
Waveform type	Sine wave
Output Connections	(8) IEC 320 C13 (Battery Backup)
	(2) IEC Jumpers (Battery Backup)
Transfer Time	6ms typical : 10ms maximum
Input	
Nominal Input Voltage	230V
Input frequency	50/60 Hz /- 3 Hz (auto sensing)
Input Connections	IEC-320 C14
Input voltage range for main operations	160 - 286V
Input voltage adjustable range for mains operation	151 - 302V
Other Input Voltages	220, 240
Batteries & Runtime	
Battery type	Maintenance-free sealed Lead-Acid battery with suspended electrolyte : leakproof
Typical recharge time	3hour(s)
Replacement Battery	RBC6
Expected Battery Life (years)	43529

RBC Quantity	1
Communications & Management	
Interface Port(s)	SmartSlot, USB
Control panel	Multi-function LCD status and control console
Audible Alarm	Alarm when on battery : distinctive low battery alarm : overload continuous tone alarm
Emergency Power Off (EPO)	Optional
Available SmartSlot Interface Quantity	1
Surge Protection and Filtering	
Surge energy rating	459Joules
Filtering	Full time multi-pole noise filtering : 0.3% IEEE surge let-through : zero clamping response time : meets UL 1449
Physical	
Maximum Height	219mm, 21.9CM
Maximum Width	171mm, 17.1CM
Maximum Depth	439mm, 43.9CM
Net Weight	18.86KG
Shipping weight	22.77KG
Shipping Height	376mm, 37.6CM
Shipping Width	328mm, 32.8CM
Shipping Depth	595mm, 59.5CM
Color	Black
Units per Pallet	12
Environmental	
Operating Temperature	0 - 40 degreesC
Operating Relative Humidity	0 - 95 %
Operating Elevation	0-3000meters
Storage Temperature	-15 - 45 degreesC
Storage Relative Humidity	0 - 95 %
Storage Elevation	0-15000meters
Audible noise at 1 meter from surface of unit	41.0dBA
Online thermal dissipation	100.0BTU/hr
Conformance	
Approvals	CE, CSA, EAC, EN/IEC 62040-1, EN/IEC 62040-2, RCM, UL 1778, VDE
Sustainable Offer Status	
RoHS	Compliant
REACH	REACH: Contains No SVHCs

Other Environmental Compliance	China RoHS

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page:
https://www.comx-computers.co.za/SMT1000IC-APC-Smart-UPS-1000VA-LCD-230V-with-SmartConnect-p-214728.php

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