ComX Computers
Product Specification Sheet

BR1200GI

APC Power-Saving Back-UPS Pro 1200, 230V

Product Overview

APC Power-Saving Back-UPS Pro 1200, 230V



Specifications

Features:

- 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.
- Battery failure notification : Provides early-warning fault analysis on batteries enabling timely preventive maintenance
- Power-saving outlets : Automatically cuts power to idle equipment to conserve electricity.
- Resettable circuit breaker : Easy recovery from overloads; no need to replace a fuse.
- Battery-protected and surge-only outlets : Reserves power capacity and run time for connected equipment that require battery back-up while providing surge only protection for less critical equipment
- Cold-start capable : Provides temporary battery power when the utility power is out.
- Hot-swappable batteries : Ensures clean, uninterrupted power to protected equipment while batteries are being replaced
- Disconnected battery notification : Warns when a battery is not available to provide backup power.
- Dataline Surge Protection : Provides protection of connected equipment from power surges on the data lines.
- Automatic self-test : Periodic battery self-test ensures early detection of a battery that needs to be replaced.
- 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.
- Audible alarms : Provides notification of changing utility power and UPS conditions
- User-replaceable batteries : Increases availability by allowing a trained user to perform upgrades and replacements of the batteries reducing Mean Time to Repair (MTTR)
- USB connectivity : Provides management of the UPS via a USB port (not available on all models).
- Serial Connectivity : Provides management of the UPS via a serial port.
- Transformer-block spaced outlets : Protect equipment with input transformer blocks without blocking access to other receptacles.
- 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.
- 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.
- Building Wiring Fault Indicator : This LED informs users of potentially dangerous wiring problems in the wall circuit.
- Battery replacement without tools : Allows quick, easy battery replacement.
- LCD graphics display : Text and mimic diagrams that display modes of operation, system parameters and alarms.

Protection

- 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).
- Unattended shutdown: This ensures that files are saved and the Operating System is properly shutdown in the event of a sustained power outage.
- Ethernet protection: Shields hardware from damage
- Addl Surge Protected Outlets: Surge Only outlets offer protection for non-data sensitive equipment like scanners and printers without reducing the unit's available power or battery capacity. This helps to maximize battery power for equipment that needs it most like a computer and monitor.
- Site wiring fault indicator: Immediately warns you of wiring problems like improper grounds that could cause shocks or prevent the UPS from adequately suppressing surges. (120V units only)

Availability

- Automatic Self Test: Biweekly testing of all internal components, including the battery, ensures your unit is ready when you need it.
- Intelligent battery management: Maximizes battery performance, life, and reliability through intelligent, precision charging.
- Audible alarms: Proactively notifies you of changing UPS and utility power conditions.
- Easy Overload Recovery: Push-button circuit breaker instead of a standard fuse, eliminates the need to return the unit to the factory for service.
- 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.

Convenience

- LCD graphics display: Text and mimic diagrams that display modes of operation, system parameters and alarms.
- Cold-start: You can power on the unit without any input power. This provides temporary emergency battery power when the utility power is out.
- User replacable batteries: Save time and money by swapping the battery yourself. There is no need to send the unit to a factory service center.
- Hot Swap Batteries: You can change the battery without powering down your equipment.

Specifications:

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Product Code	BR1200GI
Specifications	
Output	
Output Power Capacity	720 Watts / 1200 VA

Nominal Output Voltage	230V
Efficiency at Full Load	0.89
Output Frequency (sync to mains)	50 Hz, 60 Hz
Crest Factor	3:1
Topology	Line Interactive
Waveform Type	Stepped approximation to a sinewave
Output Connections	(5) IEC 320 C13 (Battery Backup)
	(5) IEC 320 C13 (Surge Protection)
	(2) IEC Jumpers (Battery Backup)
Efficiency at Half Load	0.85
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	176 - 294V
Input voltage adjustable range for mains operation	156 - 300V
Input Breaker Capacity	10.0 A
Batteries & Runtime	
Battery Type	Maintenance-free sealed Lead-Acid battery with suspended electrolyte : leakproof
Typical recharge time	8 hour(s)
Replacement Battery	APCRBC124, APCRBC124J
RBC Quantity	1
Communications & Management	
Interface Port(s)	DB-9 RS-232, USB
Control panel	Multi-function LCD status and control console
Audible Alarm	Alarm when on battery : distinctive low battery alarm : overload continuous tone alarm
Surge Protection and Filtering	
Surge energy rating	441 Joules
Filtering	Full time multi-pole noise filtering :10% of IEEE surge let-thgouh : zero clamping response time: instantaneous
Data Line Protection	Analog phone line for phone/fax/modem/DSL (RJ-11 connector), Network line - 10/100/1000 Base-T Ethernet (RJ-45 connector)
Physical	
Maximum Height	301.00 mm
Maximum Width	112.00 mm
Maximum Depth	380.00 mm

Net Weight	11.60 KG
Color	Black
Environmental	
Operating Environment	0 - 40 degreesC
Operating Relative Humidity	0 - 95%
Operating Elevation	0-9000 meters
Storage Temperature	-15 - 45 degreesC
Storage Relative Humidity	0 - 95%
Storage Elevation	0-15000 meters
Audible noise at 1 meter from surface of unit	45.00 dBA
Conformance	
Regulatory Approvals	A-tick, C-tick, CE, GOST, GS Mark, Telepermit, TUV
Sustainable Offer Status	
RoHS	Compliant
REACH	REACH: Contains No SVHCs

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/BR1200GI-APC-Power-Saving-Back-UPS-Pro-1200-230V-p-70000.php

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