ComX Computers
Product Specification Sheet

BR1300MI

APC BR1300MI Back UPS Pro BR 1300VA UPS

Product Overview

APC BR1300MI Back UPS Pro BR 1300VA, 8 Outlets, AVR, LCD Interface



Specifications

Overview:

High Performance Computer and Electronics UPS for Premium Power Protection

Features:

Audible alarms
Provides notification of changing utility power and UPS power conditions

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

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

Battery replacement without tools
Enables fast battery replacement, lowering Mean Time to Repair (MTTR).

Battery-protected and surge-only outlets
Reserves power capacity and run time for connected equipment that require UPS battery back-up while providing surge only protection for less critical equipment

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).

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

Dataline surge protection
Provides protection of connected equipment from power surges on the data lines.

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

Hot-swappable batteries
Ensures clean, uninterrupted power to protected equipment while batteries are being replaced

LCD graphics display
Text and mimic diagrams that display modes of operation, system parameters and alarms.

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.

USB connectivity
Provides management of the UPS via a USB port (not available on all models).

User-replaceable batteries
Increases availability by allowing a trained user to perform upgrades and replacements of the batteries reducing Mean Time to Repair (MTTR)

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.

Surge only outlets
Protect secondary electronics from surges and spikes without reducing battery power used to run primary electronics during an outage.

Battery and surge protected outlets
Back up and protect your hardware and data during power outages, surges and spikes.

Dataline surge protection
Provides protection of connected equipment from power surges on the data lines.

Boost Automatic Voltage Regulation (AVR)
Preserves battery life and maximizes runtime by correcting low voltages without discharging the battery.

LCD Status Display
Provides key UPS status at a glance. Multiple status indicators with load and battery bar graphs.

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-protected and surge-only outlets
Reserves power capacity and run time for connected equipment that require UPS battery back-up while providing surge only protection for less critical equipment

Simple battery replacement

Increases UPS availability by allowing quick, easy battery replacement.

Resettable circuit breaker
Easy recovery from overloads; no need to replace a fuse. (Not available on Wall Tap SKUs)

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).

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.

Transformer-block spaced outlets
Protect equipment with input transformer blocks without blocking access to other receptacles.

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

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

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

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

Customizable voltage-transfer points
Adjust the voltage points (widen or tighten the range) where your UPS transfers to battery to maximize useful battery life and protect sensitive electronics.

Customizable voltage sensitivity
Toggle between pre-determined voltage-transfer points depending on your power quality (high, medium or low sensitivity), maximizing useful battery life and protecting sensitive electronics.

Audible alarms
Provides notification of changing utility power and UPS power conditions

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

LCD Status Display
Provides key UPS status at a glance. Multiple status indicators with load and battery bar graphs.

USB connection
Use your PC to access additional power protection and management features for your UPS via a USB Port.

Specifications:

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Specifications	
Product Code	BR1300MI
Output	
Output power capacity	780Watts / 1.3kVA
Max Configurable Power (Watts)	780Watts / 1.3kVA
Nominal Output Voltage	230V
Output Frequency (sync to mains)	50/60 Hz +/-1 Hz
Topology	Line Interactive
Output Connections	(2) IEC 320 C13 (Surge Protection)
	(6) IEC 320 C13 (Battery Backup)
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
Maximum Input Current	10.0A
Batteries & Runtime	
Battery type	Maintenance-free sealed Lead-Acid battery with suspended electrolyte : leakproof
Typical recharge time	16hour(s)
Expected Battery Life (years)	3 - 5
RBC Quantity	1
Battery Volt-Amp-Hour Capacity	177
Communications & Management	
Interface Port(s)	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	509Joules
Data Line Protection	RJ45 10/100/1000 Base-T Ethernet protection
Filtering	Full time multi-pole noise filtering :10% of IEEE surge let-through : zero clamping response time: instantaneous
Physical	
Maximum Height	100MM, 10.0CM

Maximum Width	250MM, 25.0CM
Maximum Depth	382MM, 38.2CM
Net Weight	10.2KG
Shipping weight	11.85KG
Shipping Height	330MM, 33.0CM
Shipping Width	485MM, 48.5CM
Shipping Depth	225MM, 22.5CM
Color	Black
Master Carton Units	1
Master Carton Weight	12.7
SCC Codes	1073130434690 3
Environmental	
Operating Temperature	0 - 40 degreesC
Operating Relative Humidity	0 - 95 (non-condensing) %
Operating Elevation	0-3000meters
Storage Temperature	-15 - 45 degreesC
Storage Relative Humidity	0 - 95 (non-condensing) %
Storage Elevation	0-15000meters
Audible noise at 1 meter from surface of unit	45.0dBA
Online thermal dissipation	21.5BTU/hr
Conformance	
Approvals	A-tick, C-tick, CE, EAC, GS Mark, RCM, TISI
Sustainable Offer Status	
RoHS	Compliant
REACH	REACH: Contains 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/BR1300MI-APC-BR1300MI-Back-UPS-Pro-BR-1300VA-UPS-p-237933.php

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