



DATASHEET

UPS 1000VA 600W 12V 9AH Line-Interactive AVR

Part no.: AP-BK1000B
Manufacture: AVIZIO POWER
EAN code: 5901738558267

Version: 20230626
Lang.: EN



Description

A small uninterruptible power supply (UPS) that guarantees full protection, working in the Line Interactive technology enhanced with the automatic voltage stabilization system AVR.

In the design concept, a device dedicated to powering all types of computer devices and peripherals such as cash registers, routers, modems, alarm systems, RTV, CCTV, etc.

Description:

- The operation of the power supply is indicated by failure-free LED diodes and sound alarms
- Built-in smart charger optimizes and shortens the battery charging time
- AVR (Automatic Voltage Regulator) function for continuous or temporary voltage stabilization in the standard equipment of the device. AVR is a type of filter that automatically stabilizes the output voltage, protecting end devices against voltage surges in the network
- The simulated sine wave of the output current allows the operation of devices sensitive to the characteristics of the supply current
- Automatic restart when AC power is restored
- Cold start allows you to start the device without connecting to the mains, which enables the use of the power supply as a PowerBank in crisis situations
- Work quality self-check test with built-in self-diagnosis function
- Charging in off mode
- Microprocessor control system
- Intelligent battery management
- Alarm system informing about work overload, discharge, battery mode, battery replacement time
- USB communication port for device management from the level of the included software with a saved history of events

Front panel

- On/Off switch
- LCD display

Back panel

- Built-in power supply cable (length 1m) with F type CEE 7/7 plug
- 2 x 230V output socket type F CEE 7/3
- USB type B service port (cable included)
- Overload fuse - reset

ViewPower - software for AVIZIO Power UPS » [More information / download](#)

Technical Specifications

SPECIFICATIONS

Model	AP-BK1000B
Capacity	1000VA/600W

INPUT

Voltage	220/230/240 VAC
Voltage Range	140-300VAC
Frequency Range	60/50 Hz (Auto sensing)

OUTPUT

Voltage	220/230/240 VAC
AC Voltage Regulation (Bat Mode)	(+/-)10%
Frequency Range (Bat Mode)	60Hz or 50Hz + 1Hz
Transfer time	Typical 2-6ms
Waveform (Bat Mode)	Simulated Sine Wave

BATTERY

Battery Type&Number	12V / 9Ah x 1
Floating Charging Voltage	13.7VDC
Charging ability	4-6 hours recover to 90% capacity

BACK-UP TIME

100W	25 min.
200W	10 min.
300W	5 min.
500W	1 min.
Information	The indicated operation times are approximate and may change depending on the operating conditions, environment, operating time and many others.

PROTECTION

Protection Type	Short circuit Overload, Battery discharge and overcharge, Surge protection
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INDICATIONS

Line mode	Green lighting
Battery mode	Yellow flashing
Fault	Red lighting

ALARM

Battery mode	Sounding every 10 seconds
Low battery	Sounding every second

ALARM

Overload	Sounding every 0.5 seconds
Battery Replacement Alarm	Sounding every 2 seconds
Fault	Continuously sounding

COMMUNICATIONS

Service ports	USB type B (cable included)
Systems support	Windows/macOS/Linux

ENVIRONMENT

Humidity	0-90%. Relative Humidity 0-40 °C (Non-condensing)
Noise level	Less than 40dB
Dimension D*W*H(mm)	297x101x142
Net Weight (kg)	4.9
Front panel	On/Off switch Information LEDs
Rear panel	Built-in power supply cable (1m long) with F type CEE 7/7 plug 2 x 230V F type CEE 7/3 output socket USB type B service port (cable included) Overload fuse - reset

Gallery / Certificates



Standards

- PN-EN 62040-1:2009
- PN-EN 62040-2:2008
- PN-EN 50581:2013