

ABLEREX Automatic Voltage Regulator

AB-R1208USB



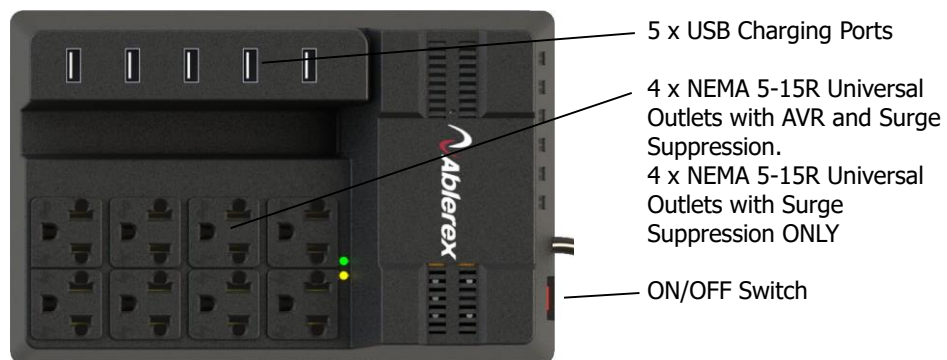
Guide V.1

1 Product Introduction

Ablerex AB-R Automatic Voltage Regulators provides comprehensive protection against surges and spikes and high-power density in a small and economic package. The AVR will continue providing power to connected devices during power fluctuations. With built-in voltage stabilizer, it can still remain online operation and provide stable power under fluctuated voltage. Its embedded microprocessor controller guarantees high reliability. It is a perfect choice for any home or small office application.

2 Products Description

Front:



Connect to Utility and Charging

Plug the AC cable to the wall outlet.



Connect the Loads

Plug in the AC input cord to the wall outlet. Simply turn in the switch of the AVR, the electrical components connected to the AVR will be then protected.

DANGER: When connecting devices that exceed the maximum capacity of the Voltage Regulator, such as a laser printer or photocopier, this could create an overload and damage the Voltage Regulator.

| Problem | Problem | Action to Take |
|-----------------------------------|---------------------------------|--|
| AVR does NOT turn ON (LED is OFF) | The ON/OFF Switch is turned OFF | Flip the switch to ON |
| | Wall Outlet is not energized | Try another Wall Outlet |
| | Overload | Unplug some of the electrical components to drop the load. |

3 Installation and Startup

NOTE: Before installation, please inspect the unit. Be sure that nothing inside the package is damaged.



Placement & Storage Conditions

Install the AVR in a protected area that is free of excessive dust and has adequate air flow. Please place the AVR away from other units at least 20 cm to avoid interference. Do NOT operate the AVR where the temperature and humidity is outside the specific limits. (Please check the specs for the limitations.)



| MODEL | | AB-R1208USB |
|-------------|---------------------|------------------------------|
| DESCRIPTION | | POWER Center AVR 1200VA |
| CAPACITY | VA / Watts | 1200VA / 600W |
| INPUT | Nominal Voltage | 120VAC |
| | Voltage Range | 100VAC~140VAC |
| | Frequency | 50 Hz /60 Hz |
| OUTPUT | Voltage | 120VAC |
| | Frequency | Same as Input |
| | Built-in AVR | Pure Boost & Buck |
| | USB Charger | 5V 3.1A (5 Port. Max3.1A) |
| | Outlets | 8 NEMA 5-15R |
| FEATURES | Surge Protection | 180 Joules (Energy 10/100us) |
| | Breaker | ON/Off & Breaker |
| LED | On / Off | Yellow |
| | Boost & Buck | Green |
| ENVIRONMENT | Temperature | 0-45C Degrees |
| | Acoustic Noise | < 40dB |
| | Humidity range | < 90% (non condensed) |
| DIMENSION | Packing Measurement | 207 x 134 x 93mm |
| WEIGHT | Physical Weight | 1.3kg |

