

# R-AVR<sub>2408/3008/5008</sub>

## User manual



## R-Series Advanced Power Protection

A full line of products designed for the modern family with advanced features and characteristics needed for today's modern devices.



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Thank you for purchasing the R-AVR2408 / 3008 / 5008 series voltage regulator. To enjoy the benefits offered by this unit, please read this user manual and follow the instructions below. We recommend that you keep this manual for future reference.

## Feature:

1. Main power button.

Turn the equipment on and off.

2. High voltage LED indicator (Buck) illuminates when the equipment corrects a high voltage condition.

3. Power LED indicator. The LED illuminates when the AVR supplies power to the connections.

4. LED indicator under voltage. (Boost) illuminates when the equipment corrects a low voltage condition.

5. Low voltage LED indicator (Super Boost)

6. Coaxial protection.

Protect your equipment against dangerous voltage spikes.

7. Breaker overload.

It allows the easy recovery of an overload.

8. AVR protection outputs.

9. Delay device.

- 30 seconds: Recommended for normal AC power.  
(recommended for microwave)

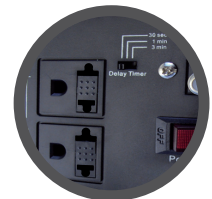
- 1 minute: Allows longer time for normalization and stabilization of electrical fluids. (recommended for electronic equipment)

- 3 minutes: Recommended for mechanical products, refrigerators, air conditioners or for areas where energy quality is poor.



### WARNING

This is not a toy. Not intended to be used by children.  
Danger of electrical shock.



Connect the equipment that protects from voltage variations to any of the sockets of your regulator. The 8 sockets offer regulation and protection against voltage spikes.

Press the power switch, the regulator will click a few times. The center LED will light up. Remember that your regulator has a "PROTECTION DELAY" system and it will take the time established to deliver power to the connected equipment. The above is manifested when the center LED (2) is lit intermittently.

If the LED above lights (4) the regulator is reducing voltage, if the LED on the bottom of your regulator is lit, the voltage is increasing. (Read full explanation in the table of technical specifications)

Specification

| MODEL                              | R-AVR 2408                                                  | R-AVR 3008                     | R-AVR 5008                     |
|------------------------------------|-------------------------------------------------------------|--------------------------------|--------------------------------|
| Capacity                           | 2400VA/1800W                                                | 3000VA/2400W                   | 5000VA/3600W                   |
| Input                              |                                                             |                                |                                |
| Voltage                            | 120VAC                                                      |                                |                                |
| Frecuency range                    | 50/60 Automatic                                             |                                |                                |
| Voltage range                      | 90 - 150 VAC                                                |                                |                                |
| Output                             |                                                             |                                |                                |
| Voltage                            | 220VAC +/- 10%                                              |                                |                                |
| Frecuency range                    | 50/60 Hz                                                    |                                |                                |
| Type of output connector           | 8 pcs NEMA5-15R AVR regulated                               |                                |                                |
| Delay device                       | 30 seconds - 1 minutes - 3 minutes                          |                                |                                |
| Coaxial                            | Integrated coaxial                                          |                                |                                |
| Protections                        |                                                             |                                |                                |
| Overload / Overload Breaker        | Thermomagnetic Breaker 15 Amp.                              | Thermomagnetic Breaker 20 Amp. | Thermomagnetic Breaker 30 Amp. |
| Surge Protection                   | 525 joules                                                  |                                |                                |
| Overcharge                         | Thermomagnetic breaker                                      |                                |                                |
| LEDS (4)                           |                                                             |                                |                                |
| Reduction (LED 1 up) Buck          | Constant reducing regulator                                 |                                |                                |
| ON LED indicator, (LED 2 central)  | Constant normal utility /<br>Correct, Flashing: delay mode. |                                |                                |
| Increment (LED 3 down) Boost       | Constant, boost voltage                                     |                                |                                |
| Increment (LED 4 down) Super Boost | Constant, super boost voltage                               |                                |                                |
| Physical                           |                                                             |                                |                                |
| Dimensions                         | 250x150x157 mm                                              |                                |                                |
| Temperature range                  | 0° - 40°C                                                   |                                |                                |
| Environment                        |                                                             |                                |                                |
| Humidity range                     | <95% non condensed                                          |                                |                                |
| Noise                              | < 40 dB                                                     |                                |                                |

"Specifications subject to change without notice"

## CDP Warranty Policy

Chicago Digital Power warranties this product against defective materials or workmanship for one year from the date of original purchase (With the possibility to be extended to 2 years). Proof of purchase is required.

I.- To make this warranty valid Proof of purchase is required. Bring the product to the original purchase place or to the nearest CDP Service Center. Make sure to bring also this warranty Policy. For information about Service Centers in your country please call the following numbers. (If your country is not here please send a mail to [servicio@cdpups.com](mailto:servicio@cdpups.com))

Bolivia: 800-100156  
Colombia: 01800-5181617  
Costa Rica: 800-435737  
El Salvador: 800-6773  
Honduras: 001800 514 8611  
México: 001800 514 8611  
Panamá: 01 1 -00800-2268611  
Perú: 0800-54674  
República Dominicana: 188-7514876  
Venezuela: 0800-1627485

II.- Chicago Digital Power will repair or replace the product at its own criteria without a cost during the warranty period.

III.- Repair or replacement time should never exceed 30 days from the date that the unit is received at the CDP Service Center.

IV.- In case this warranty policy is lost please a copy at the original purchase place.

### Warranty Limitations

- a) This warranty does not include damages which arise from negligence, misuse or use not in accordance with the product instruction.
- b) When the product has been opened or serviced by a non authorized service facility, has been altered or changed.
- c) Warranty is voided if utility wiring is reversed or lacks of ground.
- d) Warranty not valid for normal wear and tear.

 (Please complete and submit this information, otherwise you will not have access to the guarantee)  
(No guarantee will be offered if this format does not accompany the unit at the time of its return to the place of purchase)

|                                                                                                                                             |                                                                              |
|---------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------|
| Name: _____                                                                                                                                 | <b>STORE SEAL</b><br><br><br><br><br><br><br><br><br><b>DATE OF DELIVERY</b> |
| Address: _____                                                                                                                              |                                                                              |
| Phone number: _____                                                                                                                         |                                                                              |
| E-mail: _____                                                                                                                               |                                                                              |
| Shop place: _____                                                                                                                           |                                                                              |
| Purchase address: _____                                                                                                                     |                                                                              |
| Email from the place of purchase: _____                                                                                                     |                                                                              |
| Product:      AVR <input type="checkbox"/> UPS <input type="checkbox"/> No-Break <input type="checkbox"/> Inverter <input type="checkbox"/> |                                                                              |
| Model: _____                                                                                                                                |                                                                              |