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R-AVR_{2408i/3008i/5008i}

User manual



R-Series Advanced Power Protection

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

Thank you for purchasing the R-AVR2408 / 3008 / 5008i 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.



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)



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

MODEL	R-AVR 2408i	R-AVR 3008i	R-AVR 5008i
Capacity	2400VA / 1800W	3000VA / 2400W	5000VA / 3600W
Input			
Voltage	220VAC		
Frequency range	50 / 60 Automatic		
Voltage range	173 - 275VAC		
Output			
Voltage	220VAC +/- 10%		
Frequency range	50/60 Hz		
Type of output connector			
Delay device	30 seconds - 1 minutes - 3 minutes		
Coaxial	Integrated coaxial		
Protections	NEMA UNIVERSAL * 8pzs + NEMA 6-20R * 1 pz with backup / AVR and surge protection		
Overload / Overload Breaker	Thermomagnetic Breaker 8 Amp.	Thermomagnetic Breaker 10 Amp.	Thermomagnetic Breaker 15 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 / 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"

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)

Bolivia: 800-100156
Colombia: 01800-5181617
Costa Rica: 800-4357237
Salvador: 800-6773
Honduras: 800-25616099
Mexico: 001800-5148611
Panama: 01100800-2268611
Peru: 0800-54674
Dominic Republic: 1888-7514876
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

- This warranty does not include damages which arise from negligence, misuse or use not in accordance with the product instruction.
- When the product has been opened or serviced by a non authorized service facility, has been altered or changed.
- Warranty is voided if utility wiring is reversed or lacks of ground.
- 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: _____
Address: _____
Phone number: _____
E-mail: _____
Shop place: _____
Purchase address: _____
Email from the place of purchase: _____
Product: AVR ☐ UPS ☐ No-Break ☐ Inverter ☐
Model: _____

STORE SEAL

DATE OF DELIVERY