

# ANI-IEC-20-08

8-Port Rack-Mount PDU w/ IEC C13 Outlets -15ft Power Cord (NEMA 5-20p) 16A 120/240V  
INSTRUCTION MANUAL



**A-Neutronics**, Inc.



## SAFETY INFORMATION



1. To ensure the best results from this product, please read this manual and all other documentation before operating your equipment. Retain all documentation for future reference.
2. Follow all instructions printed on unit chassis for proper operation.
3. To reduce the risk of fire, do not spill water or other liquids into or on the unit, or operate the unit while standing in liquid.
4. Make sure power outlets conform to the power requirements listed on the back of the unit. Keep unit protected from rain, water and excessive moisture.
5. Do not attempt to clean the unit with chemical solvents or aerosol cleaners, as this may damage the unit. Dust with a clean dry cloth.
6. Do not use the unit if the electrical power cord is frayed or broken. The power supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to cords and plugs, convenience receptacles, and the point where they exit from the appliance.
7. Do not force switched or external connections in any way. They should all connect easily, without needing to be forced.
8. Always operate the unit with the AC ground wire connected to the electrical system ground. Precautions should be taken so that the means of grounding of a piece of equipment is not defeated.
9. AC voltage must be correct and the same as that printed on the rear of the unit. Damage caused by connection to improper AC voltage is not covered by any warranty.
10. Turn power off and disconnect unit from AC current before making connections.
11. Never hold a power switch in the "ON" position.
12. This unit should be installed in a cool dry place, away from sources of excessive heat, vibration, dust, moisture and cold. Do not use the unit near stoves, heat registers, radiators, or other heat producing devices.
13. Do not block fan intake or exhaust ports. Do not operate equipment on a surface or in an environment which may impede the normal flow of air around the unit, such as a bed, rug, carpet, or completely enclosed rack. If the unit is used in an extremely dusty or smoky environment, the unit should be periodically "blown free" of foreign dust and matter.
14. To reduce the risk of electric shock, do not remove the cover. There are no user serviceable parts inside. Refer all servicing to qualified service personnel. There are no user serviceable parts inside.
15. When moving the unit, disconnect input ports first, then remove the power cable; finally, disconnect the interconnecting cables to other devices.
16. Do not drive the inputs with a signal level greater than that required to drive equipment to full output.
17. The equipment power cord should be unplugged from the outlet when left unused for a long period of time.
18. Save the carton and packing material even if the equipment has arrived in good condition. Should you ever need to ship the unit, use only the original factory packing.
19. Service Information Equipment should be serviced by qualified service personnel when:
  - A. The power supply cord or the plug has been damaged.
  - B. Objects have fallen, or liquid has been spilled into the equipment.
  - C. The equipment has been exposed to rain.
  - D. The equipment does not appear to operate normally, or exhibits a marked change in performance.
  - E. The equipment has been dropped, or the enclosure damaged.

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## INTRODUCTION

The ANI-IEC-20-08 is a cost-effective power distribution solution that you can mount in your rack to deliver power to your rack-mounted equipment. The PDU is constructed from durable steel and mounts horizontally in your rack, taking up only 1U of space. The PDU features a dual circuit breaker that is designed to protect your equipment from power surges, and two reset buttons that you can use to reset the PDU after a power surge. This PDU comes with a 3 year warranty.

## SPECIFICATIONS

- **Input:** IEC C20 (16A, 3 conductor)
- **Output:** IEC C13 (10A, 3 conductor) (x8)
- **Approval:** UL Approved
- **Voltage:** 110 to 240V AC single phase in/out
- **Power Cord:** 15 ft (4.5M) NEMA 5-20P to C19
- **Maximum Total Current:** 20A
- **Regulatory Derated Input Current:** 16A (North America)
- **Protection:** Built-in re-settable circuit breaker
- **Load:**
  - @ 120V/16A (1920VA)
  - @ 240V/20A (4800VA)
- **Number of Fuses:** 2
- **Housing:** Steel
- **Unit Color:** Black
- **Product Weight:** 4.4 lb (2.0kg)
- **Dimensions:** 18.9 x 3.9 x 1.7 inches (100x48x44mm)  
EIA-310D

## PACKAGE CONTENTS

- ANI-IEC-20-08 rack-mount PDU
- 15 ft (4.5M) NEMA 5-20P to C19 power cord
- (4) Screws
- (4) Cage nuts
- Users Guide

## REQUIREMENTS

- Power source
- 1U of space in a server rack

## DISCLAIMERS

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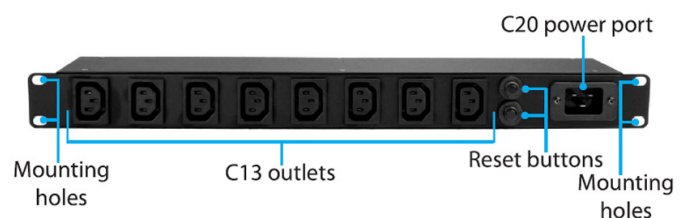
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## TRADEMARK ACKNOWLEDGMENTS

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## PRODUCT DIAGRAM



\*actual product may vary from photos

## TROUBLESHOOTING

### What do I do if I trip the circuit breaker?

If you trip the circuit breaker, complete the following :

1. Make sure that the combined power draw of all of the devices attached to the rack-mount PDU doesn't exceed 16A.
2. Press one of the Reset buttons on the rack-mount PDU.

# LIMITED WARRANTY

This Warranty is given ONLY to purchasers who buy for commercial or industrial use in the ordinary course of each purchaser's business.

## **General:**

A-Neutronics, Inc. products are in our opinion the finest available. We take pride in our products and are pleased that you have chosen them. Under certain circumstances we offer with our products the following five (5) year Warranty against Defects in Material and Workmanship. Please read your Warranty carefully. This Warranty sets forth our responsibilities in the unlikely event of defect and tells you how to obtain performance under this Warranty.

## **FIVE YEAR LIMITED WARRANTY AGAINST DEFECTS IN MATERIAL AND WORKMANSHIP**

### **A-NEUTRONICS, INC. PRODUCTS COVERED: ANI-IEC-20-08 Series**

## **Terms of Warranty:**

As provided herein, the A-Neutronics, Inc. product is warranted to be free of defects in material and workmanship for a period of Five (5) years from the date of delivery of the product to User. The delivery date will be determined only from the A-Neutronics, Inc. bill of lading. If any of the A-Neutronics, Inc. products fails to conform to the warranty within the warranty period, A-Neutronics, Inc., at its option, will furnish new or factory remanufactured parts for repair or replacement of that part. Warranty Extends to First Purchaser for Use, Non-transferable:

This Warranty is extended to the first person, firm, association or corporation for whom the A-Neutronics, Inc. product specified herein is originally installed for use in the United States (the "User"). This Warranty is not transferable or assignable without the prior written permission of A-Neutronics, Inc.

## **Assignment of Warranties:**

A-Neutronics, Inc. assigns to User any warranties which are made by manufacturers and suppliers of components of the A-Neutronics, Inc. product and which are assignable, but A-Neutronics, Inc. makes NO REPRESENTATIONS as to the effectiveness or extent of such warranties, assumes NO RESPONSIBILITY for any matters which may be warranted by such manufacturers or suppliers and extends no coverage under this warranty to such components.

## **Descriptions:**

A-Neutronics, Inc. warrants for the period and on the terms of the Warranty set forth herein that the A-Neutronics, Inc. product will conform to the descriptions contained in A-Neutronics, Inc. final invoices, orders and A-Neutronics, Inc. product brochures. A-Neutronics, Inc. does not control the installation and use of any A-Neutronics, Inc. product. Accordingly, it is understood that the Descriptions are NOT WARRANTIES OF PERFORMANCE and NOT WARRANTIES OF FITNESS FOR A PARTICULAR PURPOSE.

## **Obtaining Performance Under This Warranty:**

Within a reasonable time, but in no case to exceed thirty (30) days, after User's discovery of a defect, User shall contact A-Neutronics, Inc. and request a return authorization number. User shall ship the product, with proof of purchase, to A-Neutronics, Inc. freight prepaid. A-Neutronics, Inc. products shipped to A-Neutronics, Inc. without a return authorization number will be refused and returned freight collect to User at User's expense. A-Neutronics, Inc. products shipped by User to A-Neutronics, Inc. which have incurred freight damage due to User's improper packaging of the product will not be covered by this Warranty and any repairs or replacement parts, components or products needed will be invoiced in the full current price amount and returned freight collect to User.

Subject to the limitations specified herein, A-Neutronics, Inc. will repair or replace, at its option, without charge for A-Neutronics, Inc. labor or materials, subsequent to its inspection and F.O.B. A-Neutronics, Inc. facility, the A-Neutronics, Inc. product shipped to A-Neutronics, Inc. with a return authorization number and warranted hereunder which does not conform to the Warranty. Replacement parts, components or products shipped to User prior to A-Neutronics.

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