

MEDICAL GRADE ISOLATION **POWER TRANSFORMER**

MD-1000-U

Electrical Specifications (@25C)

1. Maximum Power: 1000VA

2. Input Voltage (power cord): 120VAC±10%, 50/60Hz 3. Output Voltage (receptacle): 120.0VAC @ 8.33A Max¹ 4. Voltage Regulation: 5% TYP from full load to no load

5. Hipot:

Input to output: 3000VAC

Input and output to enclosure (Ground): 1500VAC

6. Efficiency: 94% TYP. @ full load

7. Operating ambient temperature: Not to exceed 60°C

8. Leakage current: less than 50uA; typical 10uA

9. Fusing: Replace only with 12.0A, 250VAC, slow blo, UL listed fuses.

Construction:

These medical grade isolation boxes are built using a toroidal transformer construction that inherently helps reduce stray fields, increases efficiency and minimizes size compared to traditional EI transformers. Built with Class F (155°) insulation system. The enclosure is made of steel and powder coated white.

Safety:

Medical isolation transformer box is certified to UL 60601-1, 2nd edition medical standard and CSA-C22.2.No. 601.1M90, 2005

UL: (E352717), UL60601-1, 2nd edition and CAN/CSA-C22.2 No. 601.1M90, 2005 *Note: Not for use in life critical application*



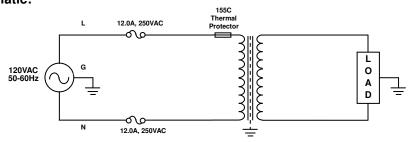
Mounting:

Rubber feet for horizontal mounting.

Connections:

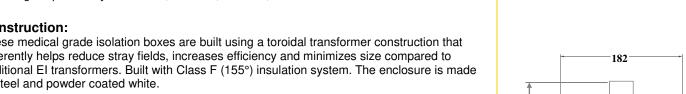
Input: 11ft medical grade power cord with Nema 5-15P plug. Output: Duplex receptacle. Nema 5-15R.

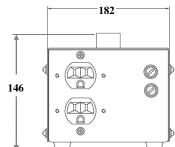
Schematic:

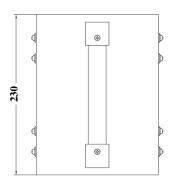


Please refer to instruction manual for safety precautions.

* Upon printing, this document is considered "uncontrolled". Please contact Triad Magnetics' website for the most current version.







Dimensions: mm Weight: 10.0Kg Warranty: 5 years

Web: www.TriadMagnetics.com Phone 951-277-0757 Fax 951-277-2757

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Release Date: June 6, 2016

¹ Combined loads connected to receptacle(s) must not exceed maximum current rating.