

## MEDICAL GRADE ISOLATION POWER TRANSFORMER

# **МD-1000-Е**

#### **Electrical Specifications (@25C)**

- 1. Maximum Power: 1000VA
- 2. Input Voltage (power cord) : 240VAC±10%, 50/60Hz
- 3. Output Voltage (receptacle) : 120.0VAC @ 8.33A Max<sup>1</sup>
- 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 6.0A, 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, 2<sup>nd</sup> edition medical standard and CSA-C22.2.No. 601.1M90, 2005

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



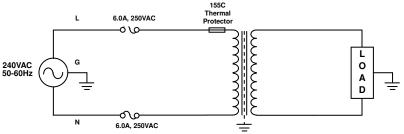
Mountina:

### Rubber feet for horizontal mounting.

#### **Connections:**

Input: 11ft medical grade power cord with Nema 6-15P plug. Output: Duplex receptacle. Nema 5-15R.

#### Schematic:



#### Please refer to instruction manual for safety precautions.

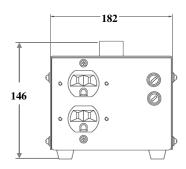
\* Upon printing, this document is considered "uncontrolled". Please contact Triad Magnetics' website for the most current version.

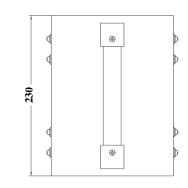
<sup>1</sup> Combined loads connected to receptacle(s) must not exceed maximum current rating.

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Dimensions: mm Weight: 10.0Kg Warranty: 5 years