

### MD-500-E

#### Electrical Specifications (@25C)

- Maximum Power: 500VA
- Input Voltage (power cord) : 240VAC $\pm$ 10%, 50/60Hz
- Output Voltage (receptacle) : 120.0VAC @ 4.35A Max<sup>1</sup>
- Voltage Regulation: 5% TYP from full load to no load
- Hipot:
  - Input to output: 3000VAC
  - Input and output to enclosure (Ground): 1500VAC
- Efficiency: 94% TYP. @ full load
- Operating ambient temperature: Not to exceed 60°C
- Leakage current: less than 50uA; typical 10uA
- Fusing: Replace only with 3.0A, 250VAC, slow blo, UL listed fuses. Recommended Littelfuse 0313003.

#### 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

UL: (E514503), AAMI/IEC 60601-1:2005 + AMD 1:2012 & CSA CAN/CSA-C22.2 NO. 60601-1:14

**Note: Not for use in life critical application**



#### Mounting:

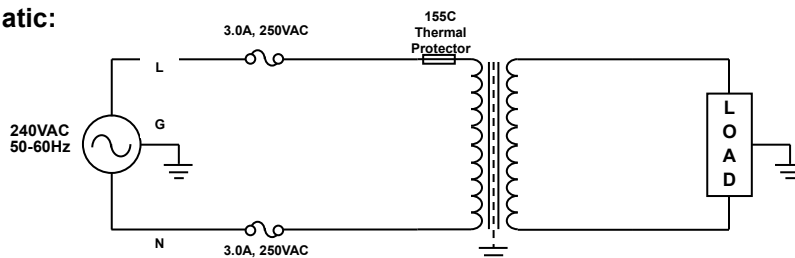
Rubber feet for horizontal mounting.

#### Connections:

Input: 11ft medical grade power cord with Nema 6-15P plug.

Output: Duplex receptacle. Nema 5-15R.

#### Schematic:

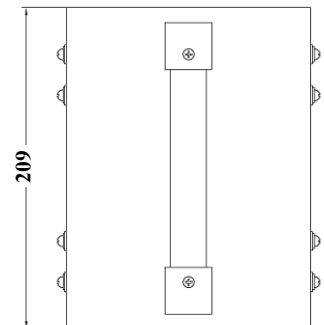
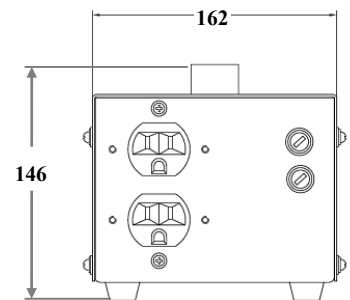


**Please refer to instruction manual for safety precautions.**

**RoHS Compliance:** As of manufacturing date February 2016, all standard products meet the requirements of 2015/863/EU, known as the RoHS 3 initiative.

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

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



Dimensions: mm

Weight: 6.8Kg

Warranty: 5 years