MD-2000-U

Electrical Specifications (@25°C)
1. Maximum Power: 2000VA
2. Input Voltage (power cord): 120VAC±10%, 50/60Hz
3. Output Voltage (receptacle): 120.0VAC @ 16.66A Max\(^1\)
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 20.0A, 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°C) 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.

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