



# AMGIS

## MEDBOX Fully Enclosed Toroidal Medical Isolation Transformers

Amgis has developed a line of fully enclosed medical isolation transformers for North American applications which features toroidal transformer technology. These units provide additional safety and protection for a wide range of medical applications. When electronic devices are being used in a medical environment, the MEDBOX units will bring the equipment into compliance with the UL 60601 medical standard. The transformers are designed for 120V 60Hz input with 120V output. Five power ratings are available: 300VA, 600VA, 900VA, 1200VA and 1800VA. The transformers incorporate RFI filtering and in-rush current limiting. The toroidal transformer technology results in light weight, high efficiency, quiet operation, low temperature rise and minimum stray magnetic field.

The MEDBOX medical isolation transformers are intended to be used by medical OEM manufacturers desiring stand alone medical isolation transformer protection or hospitals looking to isolate electronic equipment from the power source.



### Features and Benefits

- Fully enclosed toroidal medical grade isolation transformers housed in a white enclosure
- Five power ratings are available: 300VA, 600VA, 900VA, 1200VA and 1800VA.
- Designed for 120V 60Hz North American operation
- UL/c-UL listed to UL 60601-1. UL-file number E 346463.
- Highly efficient toroidal technology resulting in compact size, reduced weight and low power losses.
- Low leakage current design yielding less than 100  $\mu$ A leakage current.
- Built in RFI filtering and in-rush current protection
- Surge suppression
- 10 ft. hospital grade power cord
- Duplex hospital grade receptacles
- Illuminated On/Off circuit breaker
- Floor standing or wall mount option
- Custom designs available

### Applications

- OEM Manufacturers
- Hospitals
- Medical facilities



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## Technical Specifications

VA	CATALOG NUMBER	DIMENSIONS (INCHES)			WEIGHT (lbs)	NEMA PLUG	Hospital Grade Duplex Outlets
		LENGTH	WIDTH	HEIGHT			
300	MEDBOX-0300	10.00	5.63	4.13	10	5-15P	2 x 5-15R
600	MEDBOX-0600	12.50	7.13	4.13	16	5-15P	3 x 5-15R
900	MEDBOX-0900	14.00	9.63	4.13	21	5-15P	4 x 5-15R
1200	MEDBOX-1200	14.00	9.63	4.13	27	5-15P	4 x 5-15R
1800	MEDBOX-1800	14.00	9.63	4.13	35	5-20P	4 x 5-20R

## Dimensional Diagram

