

# MEDICAL GRADE TRANSFORMERS

Medical Grade Transformers are installed in medical devices used in hospitals, medical research facilities, and biomedical companies throughout the world. Design, testing, and construction of medical grade transformers are strictly monitored under safety rules, guidelines and governing laws.

Some of the laws and regulations:

- Min. air clearance
- Max. patient leakage current
- Max. enclosure leakage current
- Max. patient auxiliary current
- The values of test voltage (high potential voltage test between windings)
- Min. creepage distance
- Limited max. earth leakage current
- Max. temperature rise at load and at over load

AlfaMags' standard medical grade transformers are recognized to UL 60601-1, CSA C22.2 No. 601, Under UL File E310462

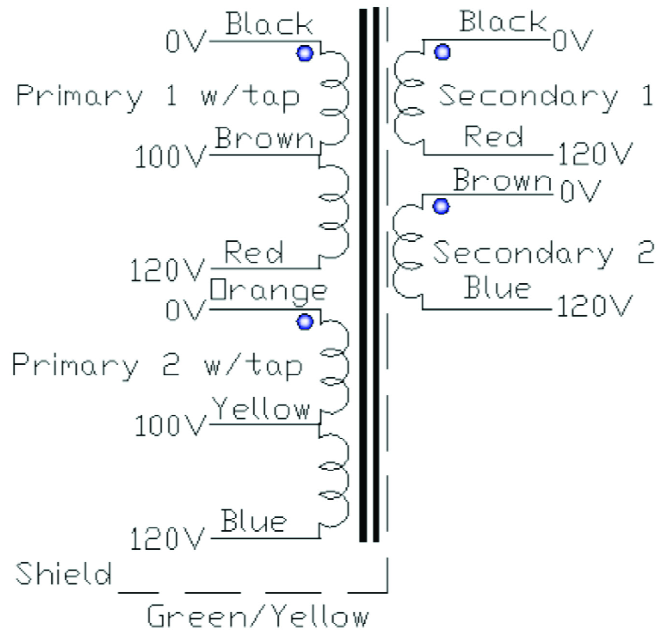
We offer a broad range of standard medical toroidal transformers that can be quickly and easily configured. We can also provide custom designs to fit your specific needs. The majority of our solutions have a combination of the following:

- Custom primary and secondary voltage
- Variety of connection and harnessing options
- Custom mounting and enclosures to meet customer requirements
- Low height/easily configured into minimal space
- Custom medical designs can be added to our UL medical file for a nominal charge

AMGIS, LLC \* 10830 Kinghurst Dr. Houston, TX 77099  
Phone: 832-775-1319 \* Fax: 281-933-9067\* email: [sales@amgistoroids.com](mailto:sales@amgistoroids.com)  
Toll Free: 877-762-6447 \* [www.amgistoroids.com](http://www.amgistoroids.com)

**Mounting Styles • SH260 Series • Low Cost Toroidal Inductors**

VA Rating	Secondary Current @ 120V (A)	Secondary Current @ 240V (A)	OD (Inches)	Height (inches)	Weight (lbs)	Part Number	UL File
100	0.83	0.42	4.0"	2.0"	2.8	MED-0100	E310462
200	1.67	0.83	4.6"	2.5"	4.8	MED-0200	E310462
300	2.50	1.25	5.0"	3.0"	7.2	MED-0300	E310462
400	3.33	1.67	5.5"	3.0"	8.8	MED-0400	E310462
600	5.00	2.50	6.6"	2.6"	11.4	MED-0600	E310462
800	6.67	3.33	6.6"	3.1"	14.2	MED-0800	E310462
1000	8.33	4.17	6.6"	4.25"	19.3	MED-1000	E310462
1500	12.50	6.25	8.2"	3.9"	25.6	MED-1500	E310462
2000	16.67	8.33	9.0"	4.0"	31.8	MED-2000	E310462
2500	20.83	10.42	9.0"	4.3"	40.0	MED-2500	E310462
3000	25.00	12.50	10.2	4.3"	47.0	MED-3000	E310462
4000	33.33	16.67	11.3"	4.0"	56.0	MED-4000	E310462
5000	41.67	20.83	12.3"	4.5"	74.0	MED-5000	E310462



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