

# Clairtronic Ltd.

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## Toroidal Transformer Range



A range of high quality open style toroidal transformers with twin 115V a.c. 50/60Hz primary windings which may be connected in series for 230V or parallel for 115V. Twin secondary windings may be connected in series or parallel or used independently.

- 115V + 115V primary winding
- Small size and low weight compared with traditional stacked laminated transformers.
- Low induced noise (hum)
- Low level of radiated magnetic field
- Flexible leadouts, for ease of installation
- 100% electrical and flash testing
- CE marked
- Supplied with full mounting kit
- Designed, manufactured and tested in accordance with EN61558, IEC742, UL506, UL1411 AND UL478.

Note: Under no circumstances should both ends of the fixing bolt simultaneously contact the metal chassis or framework. This would constitute a shorting and cause irreparable damage. When wiring the unit to devices, special attention should be given to the colours of leads to ensure correct connection and polarity. Any improper connections may render the unit unworkable.

## Toroidal Transformer Range Part Numbers and Technical Data

Part No.	VA	Primary	Secondary	Dia x H	Center Bolt	Reg % (typical)	Weight (approx)
12000 12001 12002 12003 12004 12005	15	115V +115V	0-6V, 0-6V @ 1.25A 0-9V, 0-9V @ 0.83A 0-12V, 0-12V @ 0.63A 0-15V, 0-15V @ 0.5A 0-18V, 0-18V @ 0.42A 0-25V, 0-25V @ 0.3A	66 x 30	M5 x 45	13.7	0.35Kg
12010 12011 12012 12013 12014 12015	30	115V +115V	0-6V, 0-6V @ 2.5A 0-9V, 0-9V @ 1.67A 0-12V, 0-12V @ 1.25A 0-15V, 0-15V @ 1.0A 0-18V, 0-18V @ 0.83A 0-25V, 0-25V @ 0.6A	71 x 31.5	M5 x 45	13.7	0.5Kg
12020 12021 12022 12023 12024 12025 12026	50	115V +115V	0-6V, 0-6V @ 4.17A 0-9V, 0-9V @ 2.78A 0-12V, 0-12V @ 2.08A 0-15V, 0-15V @ 1.67A 0-18V, 0-18V @ 1.39A 0-25V, 0-25V @ 1.0A 0-55V, 0-55V @ 0.45A	80 x 33	M5 x 45	11.8	0.76Kg
12100 12101 12102 12103 12104 12105	80	115V +115V	0-9V, 0-9V @ 4.44A 0-12V, 0-12V @ 3.33A 0-15V, 0-15V @ 2.67A 0-18V, 0-18V @ 2.22A 0-25V, 0-25V @ 1.6A 0-55V, 0-55V @ 0.73A	87 x 45	M6 x 50	9.8	0.95Kg
12050 12051 12052 12053 12054 12055	120	115V +115V	0-12V, 0-12V @ 5.0A 0-15V, 0-15V @ 4.0A 0-18V, 0-18V @ 3.33A 0-25V, 0-25V @ 2.4A 0-30V, 0-30V @ 2.0A 0-55V, 0-55V @ 1.09A	92 x 45	M6 x 50	10	1.5Kg
12060 12061 12062 12063 12064 12065	160	115V +115V	0-12V, 0-12V @ 6.67A 0-15V, 0-15V @ 5.33A 0-18V, 0-18V @ 4.44A 0-25V, 0-25V @ 3.2A 0-30V, 0-30V @ 2.67A 0-55V, 0-55V @ 1.45A	103 x 45	M6 x 65	7	1.75Kg

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Part No.	VA	Primary	Secondary	Dia x H	Center Bolt	Reg % (typical)	Weight (approx)
12110 12111 12112 12113 12114 12115	<b>225</b>	<b>115V +115V</b>	0-12V, 0-12V @ 9.38A 0-15V, 0-15V @ 7.5A 0-18V, 0-18V @ 6.3A 0-25V, 0-25V @ 4.5A 0-30V, 0-30V @ 3.75A 0-55V, 0-55V @ 2.05A	<b>113 x 53</b>	<b>M6 x 65</b>	<b>7</b>	<b>2.3Kg</b>
12079 12080 12081 12082 12083 12084 12085	<b>300</b>	<b>115V +115V</b>	0-12V, 0-12V @ 12.5A 0-15V, 0-15V @ 10.0A 0-18V, 0-18V @ 8.33A 0-25V, 0-25V @ 6.0A 0-30V, 0-30V @ 5.0A 0-35V, 0-35V @ 4.28A 0-55V, 0-55V @ 2.73A	<b>124 x 55</b>	<b>M6 x 65</b>	<b>6.4</b>	<b>2.75Kg</b>
12092 12090 12093 12094 12095 12091 12096	<b>500</b>	<b>115V +115V</b>	0-25V, 0-25V @ 10.0A 0-30V, 0-30V @ 8.33A 0-35V, 0-35V @ 7.14A 0-40V, 0-40V @ 6.25A 0-45V, 0-45V @ 5.56A 0-50V, 0-50V @ 5.0A 0-55V, 0-55V @ 4.55A	<b>135 x 58</b>	<b>M8 x 80</b>	<b>5</b>	<b>4.6Kg</b>
12120 12121 12122 12123	<b>625</b>	<b>115V +115V</b>	0-40V, 0-40V @ 7.81A 0-45V, 0-45V @ 6.94A 0-50V, 0-50V @ 6.25A 0-55V, 0-55V @ 5.68A	<b>142 x 70</b>	<b>M8 x 80</b>	<b>4.5</b>	<b>5.2Kg</b>
12130 12131 12132 12133	<b>800</b>	<b>115V +115V</b>	0-40V, 0-40V @ 10.0A 0-45V, 0-45V @ 8.89A 0-50V, 0-50V @ 8.0A 0-55V, 0-55V @ 7.27A	<b>168 x 62</b>	<b>M8 x 70</b>	<b>4.4</b>	<b>6.2Kg</b>
12140 12141 12142 12143	<b>1000</b>	<b>115V +115V</b>	0-40V, 0-40V @ 12.5A 0-45V, 0-45V @ 11.11A 0-50V, 0-50V @ 10.0A 0-55V, 0-55V @ 9.09A	<b>174 x 70</b>	<b>M8 x 80</b>	<b>4</b>	<b>7.8Kg</b>