

| Power VA | Part Number | Sec-Full Load V | Current mA | No Load Voltage | I No-Load | Reg. % | Δt °C | Eff % | Dim. ODXxDxHT mm |
|----------|-------------|-----------------|------------|-----------------|-----------|--------|-------|-------|-------------------------------|
| 1.6 | 62000 | 2x7 | 114 | 2x8.94 | 1.0 (mA) | 29 | 10 | 77 | 57.5x7.0x17.0 71 (grams) |
| | 62001 | 2x9 | 89 | 2x11.63 | | | | | |
| | 62002 | 2x12 | 67 | 2x15.43 | | | | | |
| | 62003 | 2x15 | 53 | 2x19.30 | | | | | |
| | 62004 | 2x18 | 44 | 2x23.41 | | | | | |
| 3.2 | 62005 | 2x22 | 36 | 2x28.19 | 1.5 (mA) | 41 | 20 | 70 | 42.0x7.0x17.5 89 (grams) |
| | 62010 | 2x7 | 229 | 2x10.2 | | | | | |
| | 62011 | 2x9 | 178 | 2x13.0 | | | | | |
| | 62012 | 2x12 | 133 | 2x17.3 | | | | | |
| | 62013 | 2x15 | 107 | 2x21.4 | | | | | |
| 5.0 | 62014 | 2x18 | 89 | 2x25.7 | 2.0 (mA) | 45 | 29 | 70 | 47.0x6.0x18.0 115 (grams) |
| | 62015 | 2x22 | 73 | 2x31.3 | | | | | |
| | 62020 | 2x7 | 357 | 2x9.7 | | | | | |
| | 62021 | 2x9 | 278 | 2x12.4 | | | | | |
| | 62022 | 2x12 | 208 | 2x17.0 | | | | | |
| 7.0 | 62023 | 2x15 | 167 | 2x21.3 | 3.0 (mA) | 34 | 25 | 74 | 47.0x6.0x21.5 145 (grams) |
| | 62024 | 2x18 | 139 | 2x25.5 | | | | | |
| | 62025 | 2x22 | 114 | 2x30.5 | | | | | |
| | 62030 | 2x7 | 500 | 2x9.5 | | | | | |
| | 62031 | 2x9 | 389 | 2x12.2 | | | | | |
| 10.0 | 62032 | 2x12 | 292 | 2x16.2 | 3.0 (mA) | 20 | 24 | 82 | 53.5x6.8x23.5 216 (grams) |
| | 62033 | 2x15 | 233 | 2x20.3 | | | | | |
| | 62034 | 2x18 | 194 | 2x24.3 | | | | | |
| | 62035 | 2x22 | 159 | 2x29.7 | | | | | |
| | 62040 | 2x7 | 714 | 2x8.3 | | | | | |
| 15.0 | 62041 | 2x9 | 556 | 12x10.8 | 4.0 (mA) | 23 | 27 | 81 | 57.5x7.0x24.0 262 (grams) |
| | 62042 | 2x12 | 417 | 2x14.4 | | | | | |
| | 62043 | 2x15 | 333 | 2x18.0 | | | | | |
| | 62044 | 2x18 | 278 | 2x21.7 | | | | | |
| | 62045 | 2x22 | 227 | 2x26.3 | | | | | |
| 25.0 | 62050 | 2x7 | 1071 | 2x8.9 | 5.0 (mA) | 19 | 28 | 84 | 58.0x13.8x34.5 388 (grams) |
| | 62051 | 2x9 | 833 | 2x11.1 | | | | | |
| | 62052 | 2x12 | 625 | 2x14.8 | | | | | |
| | 62053 | 2x15 | 500 | 2x18.5 | | | | | |
| | 62054 | 2x18 | 417 | 2x22.2 | | | | | |
| 35.0 | 62055 | 2x22 | 341 | 2x27.2 | 7.0 (mA) | 17.7 | 31 | 85 | 72.0x17.0x33.5 453 (grams) |
| | 62060 | 2x7 | 1785 | 2x8.3 | | | | | |
| | 62061 | 2x9 | 1377 | 2x10.7 | | | | | |
| | 62062 | 2x12 | 1041 | 2x14.2 | | | | | |
| | 62063 | 2x15 | 832 | 2x17.8 | | | | | |
| 50.0 | 62064 | 2x18 | 694 | 2x21.4 | 8.0 (mA) | 15.5 | 30 | 86 | 78.0x22.5x35.0 670 (grams) |
| | 62065 | 2x22 | 568 | 2x26.2 | | | | | |
| | 62070 | 2x7 | 2500 | 2x8.4 | | | | | |
| | 62071 | 2x9 | 1944 | 2x10.6 | | | | | |
| | 62072 | 2x12 | 1458 | 2x14.0 | | | | | |
| 62073 | 2x15 | 1166 | 2x17.6 | | | | | | |
| 62074 | 2x18 | 972 | 2x20.9 | | | | | | |
| 62075 | 2x22 | 795 | 2x25.7 | | | | | | |
| 62080 | 2x7 | 3571 | 2x8.1 | | | | | | |
| 62081 | 2x9 | 2777 | 2x10.4 | | | | | | |
| 62082 | 2x12 | 2083 | 2x13.8 | | | | | | |
| 62083 | 2x15 | 1666 | 2x17.3 | | | | | | |
| 62084 | 2x18 | 1388 | 2x20.7 | | | | | | |
| 62085 | 2x22 | 1136 | 2x25.4 | | | | | | |

(Electrical measurements @ 20°C ambient temperature)
All data subject to change without prior notice.

The 62000-series Miniature toroidal step-down transformers offers the design engineer the same features as our larger toroidal power transformers, namely, very low EMR (magnetic strayfields), quiet operation, low temperature rise, low profile, low no-load current and very low no-load losses.

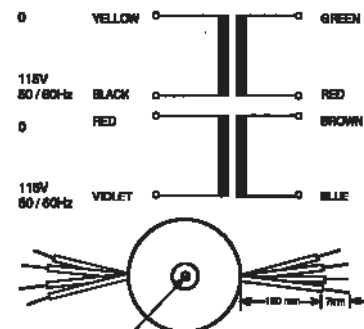
STANDARD FEATURES

- Primary voltage of 115V or 230V at 50 / 60Hz.
- Safety standard certification (UL 506), design construction meet UL 1950, VDE 0805, IEC 950, EN 60950.
- UL recognized for insulation Class A (105C). Meets all requirements of Class E (125C)
- UL certifications to +40 °C (1.6VA-25VA)
- Hipot testing at 4000V between primary and secondary. (VDE0550)
- Maximum ambient temperature of +60 °C
- Epoxy potted center with through hole for M4 bolt

CUSTOM DESIGN OPTIONS

With minimum order of 1000 pieces custom specified primary and secondary voltages are available. Please contact the Houston factory or your local Amveco sales representative for details.

WIRE DIAGRAM AND SCHEMATICS



For 230V operation, connect primaries in series by connecting black and red lead wires together and apply 230V across yellow and violet leads wires.

For 115V operation, connect primaries in parallel by connecting yellow and red lead wires together and black and violet leads wires.

To parallel the secondaries, connect green and brown wires and red and blue together. To connect the secondaries in series, the red and brown wires are connected together. Take the output across the green and blue wires.

Minimum order quantity is 500 pieces per part number. For less than 500 pieces of part number 62060 through 62085, please contact our distributor Digikey Corporation at 800-344-4539 or order on line at www.digikey.com