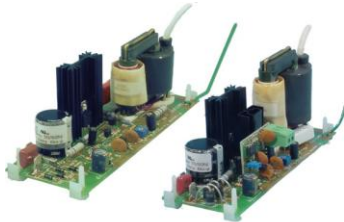


Electronic OZONE Transformer - ET & ETI Series

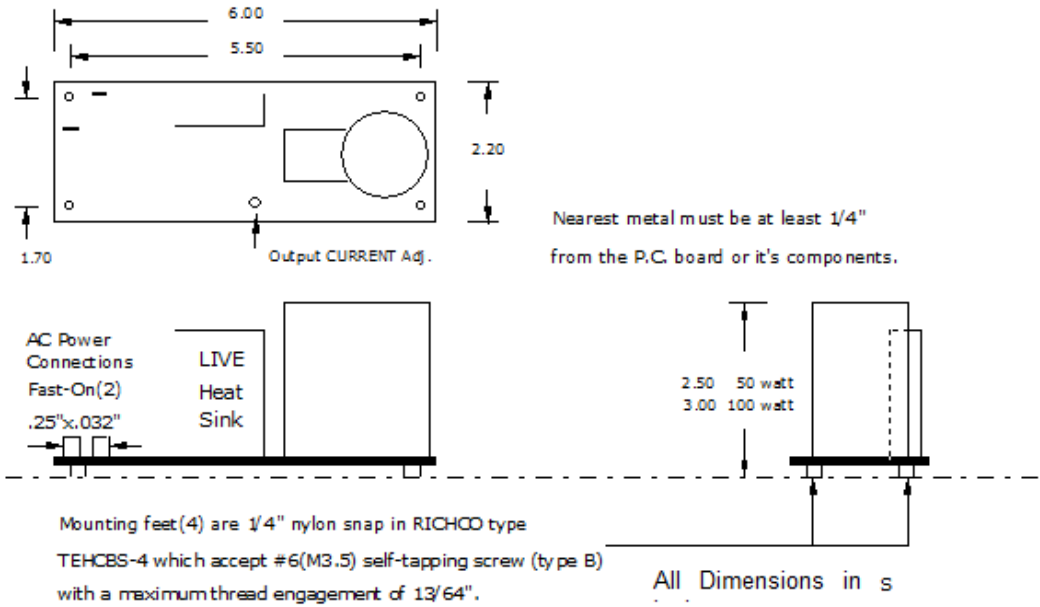


- **20khz design** for **high ozone production** and long service life in severe service applications such as corona discharge ozone generation, electrostatics, and static bars.
- Designed specifically for harsh electrical and environmental demands imposed by **continuous-duty** corona discharge **ozone-generation** and **electrostatic** applications. **UL & CSA Recognized Components.**
- **Silent**, state-of-the-art, **commercial quality, patented** design features assure significant increase in operational performance.
- **Cost-effective, field-proven, compact, lightweight** and **high-generation-efficient** design. **1 year limited warranty.**
- **Optional 4-20ma Opto-Coupled Interface** to facilitate ORP, PLC and computer control.

Design Features:

- The **complete self-contained package** connects directly to the power line using common spade connectors. Power conversion is accomplished at 20,000hz for **efficient and silent** operation. This **PATENTED** circuit has been verified by an outside laboratory to comply with the most stringent government standards for Radio Frequency Interference (**RFI**) and Electromagnetic Interference (**EMI**).
- Both the 50 and 100 watt products are **UL & CSA Recognized Components.**
- Output current is **adjustable** via onboard potentiometer. Adjustment has little effect on operating frequency or output voltage.
- An optional **Opto-coupled 4-20ma** (or 0-12vdc) interface enables remote or **PLC** control of the ETs' output current while providing the highest possible **isolation protection** from power line transients. A zero (0) current or broken loop turns the ET off. Onboard jumpers can be strapped to disable the interface board.
- High-voltage output waveform is substantially **sinusoidal.**
- Simple and reliable quick-clip mounting **reduces** the end product **assembly time.**
- Ozone resistant transformer encapsulation ensures long **trouble-free** life in harsh environments.
- This **short-circuit-proof**, current-limiting topology is designed to withstand **continuous operation** in the most demanding of electrical and temperature environments.
- Rigorous 100% performance as well as burn-in tests of all electricals are conducted at elevated operating temperatures to ensure the highest level of product **quality** and **reliability.**
- **Standard configuration:** end point grounded **5kv or 10kv rms voltage** ranges, power **either 50 or 100 watts.** Line voltage models available: **120v 50/60hz.** 220v 50/60hz available on 50watt model only. Midpoint ground and floating secondary configurations on request. Please consult the factory for custom configurations.
- **Separate ground connection** ensures proper grounding to the generator and enclosure.

Installation Drawings



Performance Information

Item	Cat #	Primary Volts/Hz	Max Input VA	Max Input Watts	Sec Kv peak	Shorte d Sec MA	Style	Case Size	Weight Lbs(Kg)
1	ET106051	120 / 50:60	60	50	6.0	N/A	End Gnd	Above	.45 (.204)
2	ET104101	120 / 50:60	120	100	4.0	N/A	End Gnd	Above	.59 (.268)
3	ET106101	120 / 50:60	120	100	6.0	N/A	End Gnd	Above	.59 (.268)
4	ET108101	120 / 50:60	120	100	8.0	N/A	End Gnd	Above	.59 (.268)
5	ET110101	120 / 50:60	120	100	10.0	N/A	End Gnd	Above	.60 (.272)

Due to recent UL approval, the product designations have changed:
 ET165 is now ET106051
 ET172 is now ET106101

Add \$18 for interface option.

Consult factory for pricing and availability of unlisted models. Prices are All Dimensions in Inches hout notice.