



FEATURES

- Made in America
- Compact Size
- Cost Effective
- Reliable Solid State Design
- Maintenance Free
- Automatic over current shutdown and recovery
- UL recognized File Number E81634 available

TYPICAL APPLICATIONS

- Ionizers
- Table Top Air Cleaners
- Laser Start-up Circuits
- EOS / ESD Anti Static Equipment

DESCRIPTION

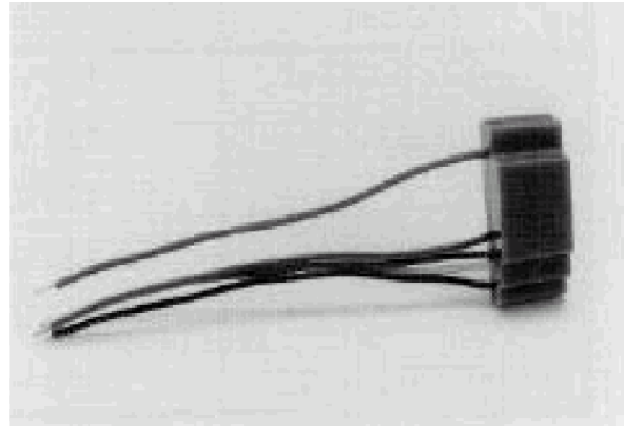
The CS2132 series of unregulated solid state power supplies is designed for ionizers, table top air cleaners, laser (startup) circuits, EOS / ESD antistatic equipment and other equipment requiring reliable, compact, economical, high voltage (5 KVDC and above) power supplies. The CS2132 series is available with either a positive or a negative output. There are two basic designs: (1) 8 KVDC output and (2) 12 KVDC output. Other output voltages are available from 6 KVDC to 15 KVDC. Input voltage: 120 VAC or 240 VAC ($\pm 10\%$) 50 / 60 Hz.

OPTIONS

- Input ground wire
- Control wires
(requires a 2 watt, potentiometer, not supplied)
- "Power-On" indicating light
- Input to output isolation

The CS2132 series is available in a glass filled tubular case, epoxy filled configuration as the CS2041 series. Consult factory for additional information. Custom voltages and housings are also available.

NOTICE: This power supply should never be mounted directly to a metal surface.



TYPICAL ELECTRICAL SPECIFICATIONS

- Input Voltage: 120 VAC or 240 VAC ($\pm 10\%$) 50 / 60 Hz
- Output Current: 1-5 μ A typical
- Output Regulation: Unregulated, see Typical V-I Curve
- Load: May be operated into any load condition (capacitive, resistive or inductive) or no load. Can withstand arcing and short circuits.

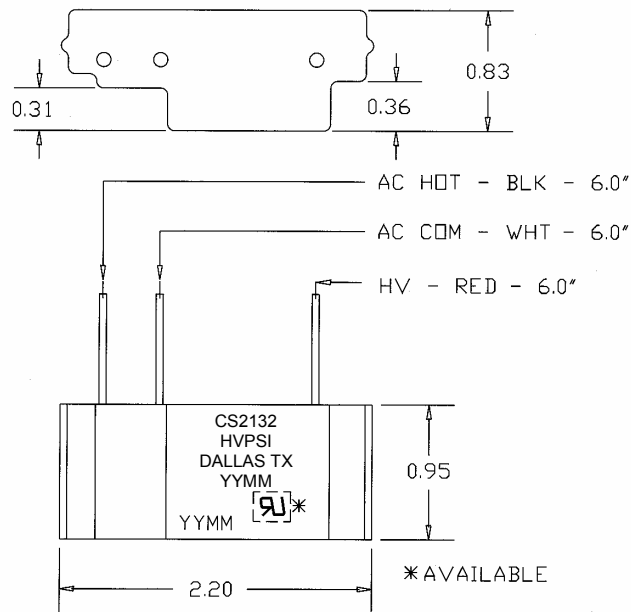
TYPICAL MECHANICAL SPECIFICATIONS

- Encapsulant: Filled Epoxy (UL94V-0 Rated)
- Mounting: Cable-ties, glue, epoxy, RTV, or silicon. If glued, we recommend glue be applied to two surfaces.
- Primary Wires: 22 AWG PVC, 600 V, UL Style 1015, 105°C, 2 wire or 3 wire available
- High Voltage Wires: 22 AWG Irradiated PVC, 15 KVDC, UL Style 3239, 105°C
- Temperature Rating:
Operating 0° to +60°C
Storage -40° to +85°C



| Model | Input Voltage | Input Frequency | Output Voltage* |
|---------------|---------------|-----------------|-----------------|
| CS2132L120-8 | 120 VAC | 50 / 60 Hz | 8 KVDC neg |
| CS2132L120+8 | 120 VAC | 50 / 60 Hz | 8 KVDC pos |
| CS2132L120-12 | 120 VAC | 50 / 60 Hz | 12 KVDC neg |
| CS2132L120+12 | 120 VAC | 50 / 60 Hz | 12 KVDC pos |
| CS2132L240-12 | 240 VAC | 50 / 60 Hz | 12 KVDC neg |
| CS2132L240+12 | 240 VAC | 50 / 60 Hz | 12 KVDC pos |

*Output voltages shown above are minimum DC @ 1 μ A



CS2132 SERIES, TYPICAL V-I CURVES

INPUT = 120VAC

