



FEATURES

- Compact Size
- Cost Effective
- Reliable Solid State Design
- Maintenance Free
- Totally Encapsulated
- Automatic Over Current Shutdown and Recovery
- UL Recognized Versions available
- RoHS versions available
- Formerly CS2132 Series

TYPICAL APPLICATIONS

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

DESCRIPTION

The 2132 series of unregulated solid state power supplies is designed for ionizers, table top air cleaners, laser (startup) circuits, EOS / ESD anti-static equipment and other equipment requiring reliable, compact, economical, high voltage power supplies. The 2132 series is available with either a positive or a negative output.

There are two basic designs: 8 kVDC or 12 kVDC output. Other output voltages are available. .

OPTIONS

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

Custom voltages and housings are also available. Consult factory for additional information.

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



TYPICAL ELECTRICAL SPECIFICATIONS

- Input Voltage:
120 VAC ($\pm 10\%$), 50/60 Hz
- Output Voltage: 8 or 12 kVDC
- Output Current: 1-5 μ A typical
- Output Regulation:
Unregulated, see Typical V-I Curve
- Load:
Operates into any load condition, capacitive, resistive, inductive, or no load.
- Can withstand arcing and short circuits.

TYPICAL MECHANICAL SPECIFICATIONS

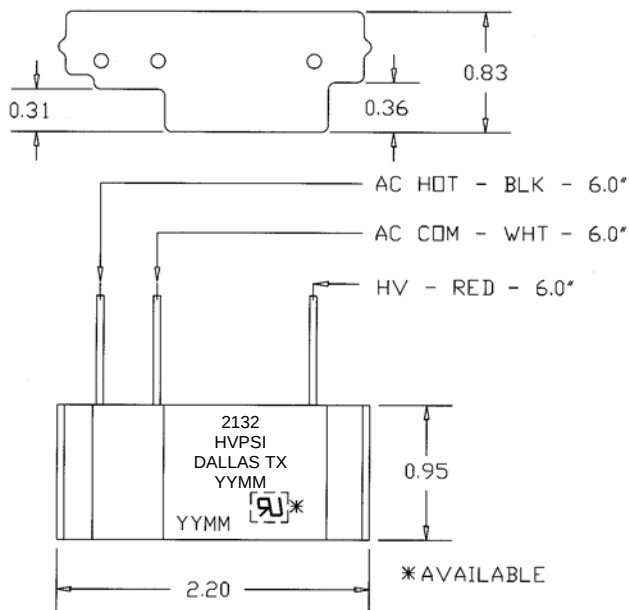
- Encapsulant:
Filled Epoxy (UL94V-0 Rated)
- Mounting:
Cable-ties, glue, epoxy, RTV, or silicon.
If glued, recommend glue be applied to two surfaces.
- Primary Wires:
22 AWG PVC, 600 V, UL Style 1015, 105°C, 2 wire or 3 wire available
- High Voltage Wires:
22 AWG, 15 KVDC, UL Style 3239, 105°C
- Temperature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



Model	Input Voltage	Input Frequency	Output Voltage ⁽¹⁾
ACN2132L8	120 VAC	50/60 Hz	8 kVDC neg
ACP2132L8	120 VAC	50/60 Hz	8 kVDC pos
ACN2132L12	120 VAC	50/60 Hz	12 kVDC neg
ACP2132L12	120 VAC	50/60 Hz	12 kVDC pos

Formerly CS2132 Series

⁽¹⁾ Output voltages shown above are minimum DC @ 1 μ A



2132 SERIES TYPICAL V-I OUTPUT CURVE

