



### FEATURES

- Non-Metallic Case
- Cost Effective
- Reliable Solid State Design
- Maintenance Free
- Automatic Over Current Shutdown and Recovery
- High Frequency Switch-mode Design
- UL Recognized Versions Available
- RoHS Versions Available
- Formerly CS2322 Series

### TYPICAL APPLICATIONS

- Electrostatic Air Cleaners
- Electrostatic Oil Cleaners



### DESCRIPTION

The 2322 series of regulated solid state switching power supplies is designed for applications requiring a medium duty High Voltage power supply. Input voltage is 120 VAC ( $\pm 10\%$ ), 50/60 Hz. Connection for "HV On" indicating LED is provided.

The 2322 series is packaged in a nonmetallic enclosure and may be installed in any position. Consult the factory for additional information.

**NOTICE:** This power supply requires adequate ground connection for operation. Failure to provide ground could result in failure of the power supply. Proper ground connections must be made to input terminal on the non-metallic case.

### TYPICAL ELECTRICAL SPECIFICATIONS

- Input Voltage: 120VAC ( $\pm 10\%$ )
- Input Frequency: 50/60 Hz
- Output Voltage: 12 kVDC
- Output Current: 1.5 mA Typical
- Output Power: 20 W Max
- Output Regulation: 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.
- Isolated Output; High Voltage Referenced to Earth Ground

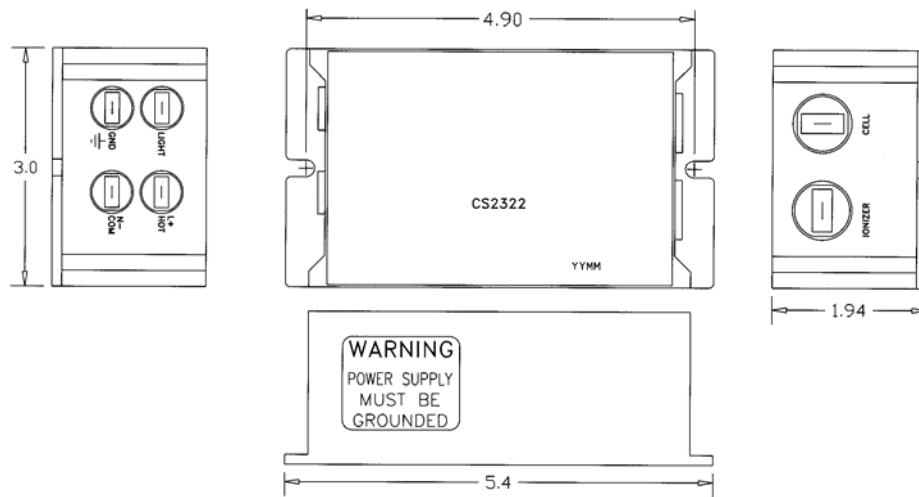
### TYPICAL MECHANICAL SPECIFICATIONS

- Case: Glass filled Noryl, UL 94V-1 Rated
- Encapsulant: Filled Epoxy, UL 94V-0 Rated
- Input Voltage Termination:  
1/4" black insulated terminals
- "HV On" Indicating Light Termination:  
1/4" black insulated terminals
- High Voltage Termination:  
1/4" red insulated terminals
- Temperature Rating:  
Operating 0° to +60°C  
Storage -40° to +85°C



STANDARD MODELS	INPUT VOLTAGE VAC	IONIZER VOLTAGE KVDC	COLLECTOR VOLTAGE KVDC	MAX OUTPUT CURRENT mADC
ACN2322L10	120	10.0 kV	5.0kV neg	1.75
ACP2322L10	120	10.0 kV	5.0kV pos	1.75
ACN2322L12	120	12.0 kV	6.0kV neg	1.75
ACP2322L12	120	12.0 kV	6.0kV pos	1.75

Formerly CS2322 Series



**2322 SERIES TYPICAL V-I CURVE**

