



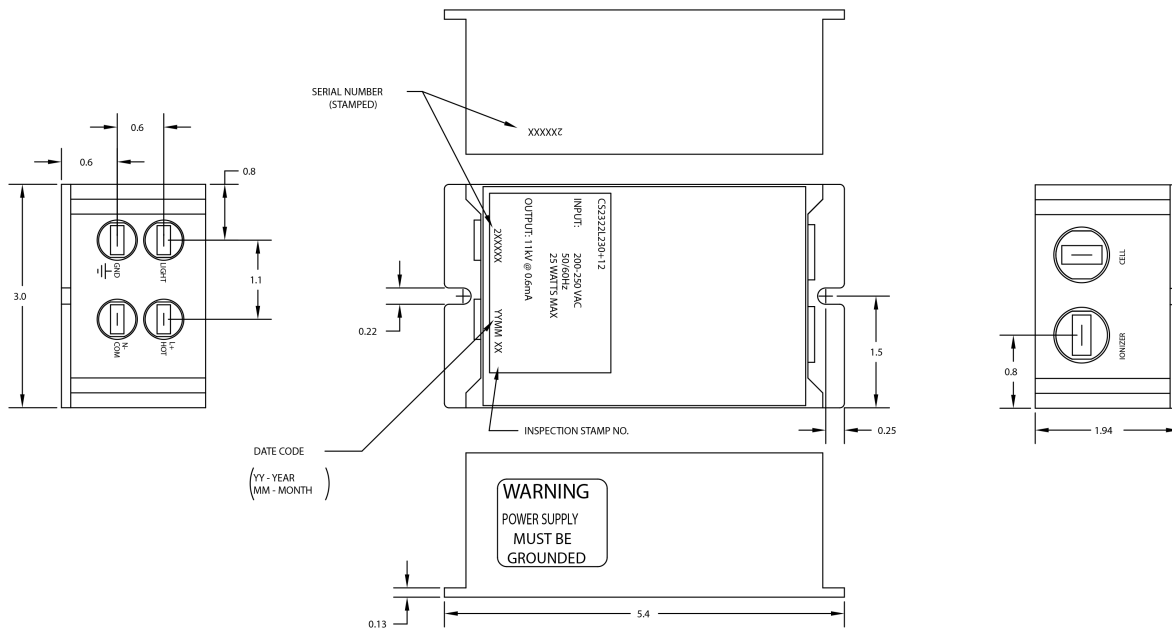
2322 Series

High Voltage Power Supplies

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



| | Conditions | Value | | Units |
|----------------------------------|--------------------------------|------------|-------|----------|
| Input | | | | |
| Input Voltage | All Versions | 120 | | VAC |
| Power | At Max load | 20 | | W |
| Output | | | | |
| Voltages Available | Primary Output | 10 | 12 | kVDC max |
| Voltage, Secondary Output | At Max Load | 5 | 6 | kVDC |
| Power | Nominal Input, Max Vo | 15 | | W |
| Current, Primary Output | Nominal Input, Max Vo | 1.5 | 1 | mA |
| Current, Secondary Output | Max Primary Output | 200 | 300 | uA |
| Voltage Regulation | Any Static Load, Max Vo | <15% | <4% | VDC |
| Line Regulation | Over Input Range | <4% | <3% | VDC |
| Ripple | Full Load, Max Vo | <6% | <5% | Vp-p |
| Stability | Over 8hr, 30 min warm up | <0.5% | <2.5% | VDC |
| Environmental | | | | |
| Operating Temperature | Case Temp, Full Load, Max Vo | 0 to +60 | | °C |
| Temperature Coefficient | Over the Operating Temperature | 0.09 | | %/°C |
| Storage | Non-Operating, Case Temp | -40 to +85 | | °C |
| Humidity | Non-Condensing | 0 to 95% | | RH |
| Altitude | Standard Operating Conditions | 0 to 10000 | | Feet |



| Part Number | Input Voltage | Ionizer Voltage | Collector Voltage | Polarity | Output Power | Typical Output Current |
|-------------|---------------|-----------------|-------------------|----------|--------------|------------------------|
| ACN2322L10 | 120 VAC | 10kV DC | 5kV DC | Negative | 15 Watts | 1.5 mA |
| ACP2322L10 | 120 VAC | 10kV DC | 5kV DC | Positive | 15 Watts | 1.5 mA |
| ACN2322L12 | 120 VAC | 12kV DC | 6kV DC | Negative | 15 Watts | 1.5 mA |
| ACP2322L12 | 120 VAC | 12kV DC | 6kV DC | Positive | 15 Watts | 1.5 mA |

Applications:

- Electrostatic Air Cleaners
- Electrostatic Oil Cleaners

Mechanical:

- Case: Glass-Filled Noryl, UL 94V-1 Rated
- Encapsulant: Filled Epoxy, UL94V-0 Rated
- Input Voltage Termination: ¼" black insulated terminals
- "HV On" Indicating Light Termination: ¼" black insulated terminals
- High Voltage Termination: ¼" red insulated terminals
- Operating Temperature Range: 0°C to +60°C
- Storage Temperature Range: -40°C to +85°C

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