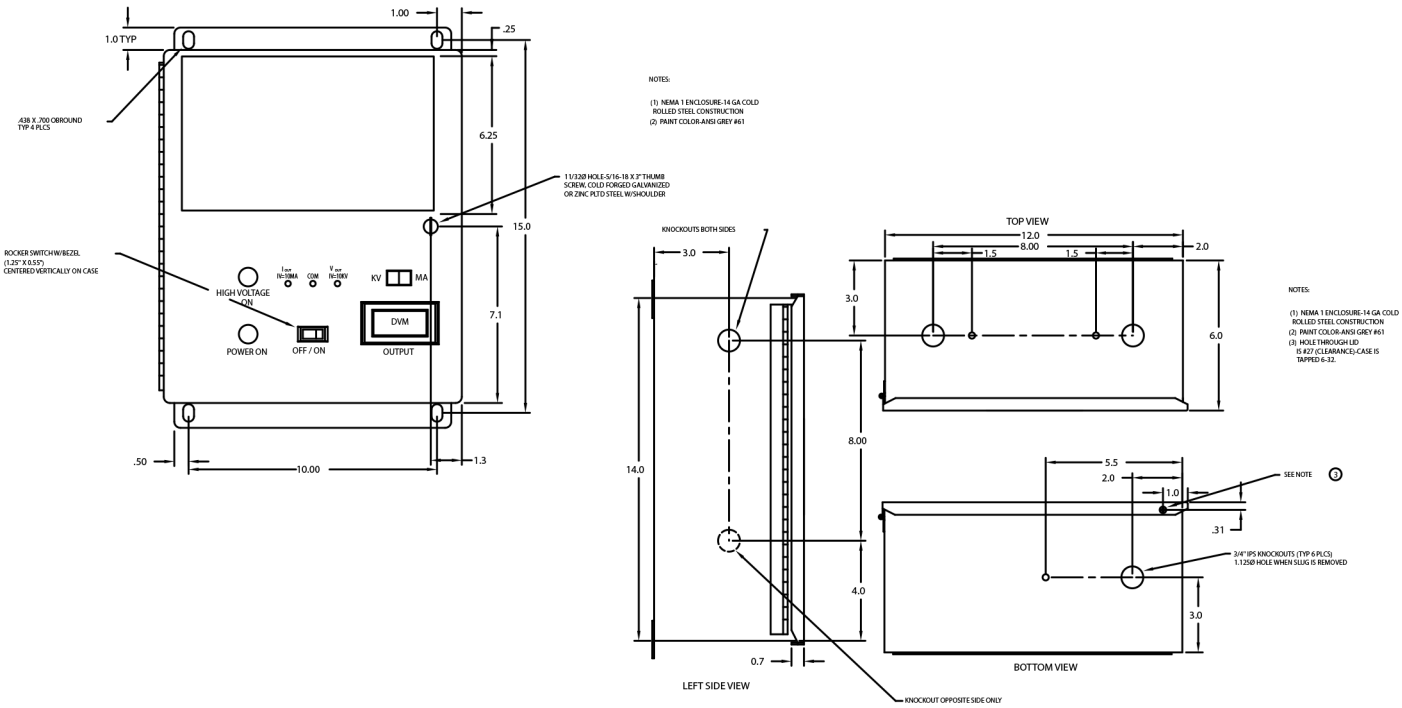
HVPSI

2098 Series

High Voltage Power Supplies

- Cost Effective
- Metal Case NEMA 1
- Reliable Solid-State Design
- Maintanence Free
- External Test Points (Voltage & Current)
- HV Meter on Front Panel to Monitor Output (Voltage & Current)
- Automatic Over-Current Shutdown and Recovery
- High Frequency Switch-Mode Design
- Internal Safety Interlocks
- Adjustable Dual Voltage Output
- UL/CSA Recognized
- RoHS Versions Available

	Conditions	Value			Units
Input					
Input Voltage	All Versions	120			VAC
Power	At Max load	500			W Max
Output					
Voltages Available	Primary Output	@10	@12	@14	kVDC Max
Power	Nominal Input, Max Vo	350	420	350	W
Current, Primary Output	Nominal Input, Max Vo	35	35	25	mA
Regulation, Primary Vo	Any Static Load, Max Vo	1%			VDC
Line Regulation	Over Input Range	<1%			VDC
Ripple	Full Load, Max Vo	<5%			Vp-p
Stability	Over 8hr, 30 min warm up	<0.5%			VDC
Environmental					
Operating Temperature	Case Temp, Full Load, Max Vo	0 to +50			°C
Temperature Coefficient	Over the Operating Temperature	0.02			%/°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	Output Voltage		Polarity	Output Power	Maximum Output Current
		100%	*50% Tap*			
CS2098L120+14	120 VAC	14kV	7kV	Positive	350 Watts	25mA

Note: The 2098 Series comes standard at 14kV output but is adjustable between 10kV and 14kV by use of an internal potentiometer. Instructions for this operation are available with each unit. Contact the factory for additional details.

Applications:

- Industrial Electrostatic Air Cleaners

Mechanical:

- Input Voltage Termination: Terminal Block inside enclosure
- Output Termination: #10 studs inside enclosure
- Mounting: 4 each .438 x .700 holes for wall mounting applications via flange top and bottom
- Enclosure: Metal, NEMA 1, with hinged cover and knockouts
- 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 and/or electrical shock.