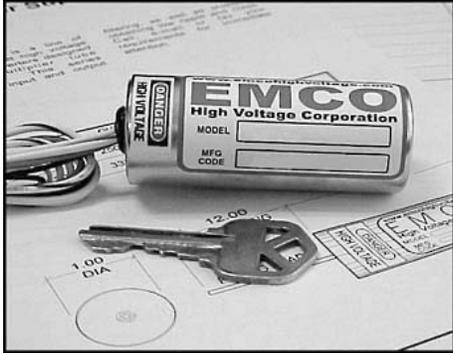


Cylindrical HV Power Supply

1,500 and 2,000 VDC @ 1.5 Watts
CL Series



The CL Series is a line of compact 1.5 watt high voltage DC to DC converters designed for photomultiplier tube applications. This series incorporates input and output

filtering, as well as shielding, obtaining low ripple and noise. Call, e-mail or fax your requirements for immediate attention.

FEATURES

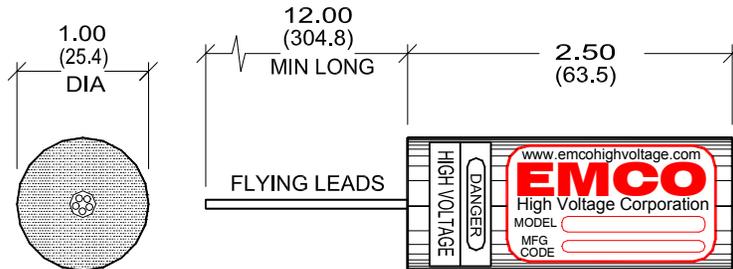
- Compact, Rugged Module
- Exceptional Reliability
- Low Cost/High Performance
- Fully Isolated Output
- Input/Output Filtering & Shielding
- Fully Enclosed In A Steel Case
- Reverse Input Protection
- Separate Case Ground
- Input/Output Proportional

MODEL	OUTPUT* ² VOLTAGE	OUTPUT * ⁴ CURRENT	RIPPLE
CL15	250 to 1,500	1.0 mA	0.05% P-P
CL20	333 to 2,000	.75 mA	0.05% P-P

- *Notes
1. At Maximum Rated Output Voltage
 2. Output Voltage is load dependent. Under light or no load conditions, reduce input voltage so maximum rated output voltage is not exceeded.
 3. Specifications after 30 minute warm-up, full load, at 25°C unless otherwise noted.
 4. The rated output current is available at full output voltage and must be derated proportionally as the input voltage decreases. For example: a 500V, 1.5W unit, rated at 3mA at 500V will provide 1.5mA at 250V out.

ELECTRICAL SPECIFICATIONS*³

- Input Voltage: 0 to 12 volts
- Output Voltage: See table
- Regulation: Output Tracks Input
- Output Ripple: See Table
- Input/Output Isolation: 3,500 volts
- Operating Temperature: -10° to +65° C
- Storage Temperature: -40° to +85° C



Dimensions are in Inches
Dimensional Tolerances: ± .03 (.76mm)
(Metric equivalents in parenthesis)

PHYSICAL CHARACTERISTICS

- SIZE: 2.5 (63.5) x 1.0 (25.4) Diameter
- WEIGHT: 3 Ounces (85 grams) Approx.
- PACKAGING: Fully Encapsulated
- WIRES: #22 AWG Stranded
- CASE MATERIAL: Nickel Plated Steel

ALL WIRES: #22 AWG

WIRE COLOR	FUNCTION
RED	(+) INPUT
BLACK	(-) INPUT
WHT/YEL	(+) OUTPUT
WHT/VIO	(-) OUTPUT
YELLOW	CASE

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