



GAMMA

SERIES LXR

ELECTRICAL CHARACTERISTICS

- Input Voltage:** +28VDC $\pm 10\%$ *
- Output Voltage:** 10 Models from 1KV to 50KV. Positive or negative polarity models.
- Voltage Regulation:** Load: 0.05% of output voltage (NL to FL)
Line: $\pm 0.01\%$ for $\pm 10\%$ change in input voltage.
- Current Regulation:** Load: 0.05% of output current from 0 to rated voltage.
Line: 0.05% of rated current over specified input range.
- Ripple:** 0.5% P-P of output voltage.
- Temp. Coefficient:** 0.01% per °C, voltage or current regulated.
- Voltage Stability:** 0.02% per 8 hours

*24VDC = 10% input available. Add /24 as suffix to the model number when ordering.

PHYSICAL CHARACTERISTICS

- Dimensions:** 3.75" x 6" x 2.75" (up to 30KV)
4.5" x 8.75" x 4" (40KV & 50KV)
- Input Connector:** D-Subminiature 15 Pin Connector
- Power Input Connector:** Terminal Block
- Out put Termination:** Flying Wire
(Customer specified connectors can also be

ENVIRONMENTAL CHARACTERISTICS

- Operating Temperature Range:** 0 to 50°C
Storage Temperature Range: 0 to 70°C



GAMMA HIGH VOLTAGE RESEARCH INC.

Designers/Manufacturers-High Voltage Power Supplies

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