



GAMMA

HIGH VOLTAGE LINE OPERATED POWER SOURCE

SERIES ES

**20 Models Covering the range of
0-5 KV to 0-100 KV
5, 10 & 20 Watt**

FEATURES:

- Low Cost
- Small Size
- Low stored energy
- Arc over & short circuit protected
- Voltage Regulated



*Standard Model
Single Analog Meter-
Reads Output Voltage*

APPLICATIONS:

- Electrostatic Precipitators
- Electrostatic Spinning
- Electro Chemical Processes
- Insulation Testing
- Electrostatic Studies

*Optional
Dual Analog Meters
Read Output Voltage and
Output Current*



MODEL GUIDE

MODEL	OUTPUT VOLTAGE	OUTPUT CURRENT		
		20 Watt	10 Watt	5 Watt
ES5	0 to 5KV	4mA	2mA	1mA
ES10	0 to 10KV	2mA	1mA	500uA
ES15	0 to 15KV	1.33mA	600uA	333uA
ES20	0 to 20KV	1mA	500uA	250uA
ES30	0 to 30KV	660uA	350uA	166uA
ES40	0 to 40KV	500uA	250uA	125uA
ES50	0 to 50KV	400uA	200uA	100uA
ES60	0 to 60KV	330uA	166uA	85uA
ES75	0 to 75KV	266uA	133uA	66uA
ES100	0 to 100KV	200uA	100uA	50uA

DESCRIPTION:

The **Gamma** "ES" series provides a portable High Voltage Source of power for scientific and industrial applications, with power levels to 20 watts and voltage levels to 100KV. The 100KV supply in this series weighs approximately 11-lbs. making it ideally suited for portable or laboratory applications.

All units are available in Positive or Negative polarity. Add P or N as suffix to Model to indicate polarity desired. Indicate desired output power by adding either -5W, -10W or -20W to the end of the complete model number. *Example model number : ESSP-10W*



GAMMA HIGH VOLTAGE RESEARCH INC.

Designers/Manufacturers-High Voltage Power Supplies

1096 NORTH U.S. #1, ORMOND BEACH, FL 32174 * TEL. 386-677-7070, FAX 386-677-3039



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SERIES ES

ELECTRICAL CHARACTERISTICS:

Input Voltage:	90-240VAC; 50-60Hz
Output Voltage:	Continuously adjustable from zero to maximum output rating.
Output Current:	See ratings of individual models
Regulation:	.05% for +/-10% line change.
Ripple:	.1%
Control:	Front panel mounted 10 turn potentiometer for zero to maximum output voltage.
Output Cable:	Up to and including 30KV - Alden Type Polyethelene Above 30KV - Coaxial Type. Mating Cable provided.
Size:	5" (H) x 8" (W) x 10" (L), wt. < 11lbs.
Standard Metering:	Single analog meter reads output voltage

OPTIONAL FEATURES:

- 1) Output voltage monitor (VM)
- 2) Dual analog meter (DAM)
- 3) Single Digital Panel Meter (SDPM)
- 4) Dual Digital Panel Meters (DDPM)
- 5) Overload Trip (OL)
- 6) RS232C Interface (RS232C)
- 7) External Program (PRG)

Please note: Dual Output and Reversible versions are also available.

Please consult factory.



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