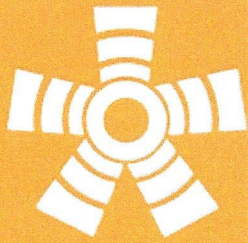




power supplies for short-ARC lamps

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POWER CONVERSION
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408-432-6154



Products

Radiation Power Systems (RPS) manufactures a complete line of short-arc lamp power supplies. With models ranging from 100W to 8kW we offer power supplies for all major lamp manufacturers. An integrated DC or pulse ignition circuit ensures reliable lamp start.

Our product line includes the 2105 series for low-wattage lamps, the 2110 series for mid-range lamps, and the 2130 series for high-wattage lamps or lamps that require high operating current. Power supplies from each series are available in two configurations: Constant Power (CP) and Constant Intensity (C2)

CP Models

Constant power models tightly regulate the output power to generate stable light output. The user interface for CP models includes:

- Potentiometer to adjust output power within preset min/max levels
- Analog meter for lamp power

- Analog meter with dual scale for lamp voltage and lamp current (switch-selectable)

C2 Models

Constant intensity models allow the user to connect two optical sensors to regulate and maintain constant light output over the life of the lamp. This is a key feature for applications that require precise exposure control. C2 models are dual-mode systems that allow the user to select either C2 or CP mode. The user interface for C2 models include:

- CP – C2 mode select switch
- Potentiometer to adjust output power within preset min/max levels (CP mode)
- Potentiometers to calibrate optical sensors and set target intensity level (C2 mode)
- Channel select switch for optical sensors (C2 mode)
- Analog meters with dual scales for lamp power/intensity and lamp voltage/current (switch-selectable)

Key Specifications

Series	2105 Series	2110 Series	2130 Series
Configuration	CP or C2	CP or C2	CP or C2
Lamps	100W, 200W, 350W, 500W	1KW, 500W DUV	1KW DUV, 2KW, 2.5KW, 3.5KW, 5KW, 8KW
Ignition	2KV DC	2KV DC or 20KV Pulse	20KV Pulse
Start Current	11A	25 – 33A*	50 – 120A*
Line Voltage	100-120VAC/60Hz or 200-240V/50Hz, Single-Phase	100-120VAC/60Hz or 200-240V/50Hz, Single-Phase	200-240VAC, 50/60Hz, Three-Phase
Dimensions	10.2" (W)	13.3" (W)	15.8" (W)
	16.5" (L)	19.2" (L)	22.5" (L)
	6.1" (H)	7.1" (H)	9.0" (H)

* Starting current set at factory for specified lamp

Options