

UV Curing System Power Supplies

Custom encased and uncased ballasts to suit every arc length also features unique volt meter interface with numerical display and DIN Rail connectors for easy maintenance



CON-TROL-CURE® encased ballasts

CON-TROL-CURE® Power Supplies include a host of unique performance features including 8-level power selection, high temperature overload protection, LED voltage readout, and easy 3rd party integration to provide more production control and greater overall performance.

Our ready-to-use encased power supplies are built to custom specifications with all ballast wiring, control and high voltage DIN Rails, capacitors, control panel switches and display meters. Each unit also includes our exclusive **Lamp Voltage Interface**. Designed specifically to read the high voltage draw of UV sources, the LVI provides a direct readout of on-going lamp voltage. Production shops can use this numerical measurement to establish a performance benchmark for newly installed mercury vapor or metal halide lamps and for continuous monitoring of voltage draw as the lamp degrades and requires replacement.

Fully encased ballasts include an 8-level power selection that allows users to adjust cure energy to meet application needs. With a range of 42 - 100%, users can adjust power in increments of 4 to 12%. Each is also equipped with two single-wire connectors for 3rd party integration and switching purposes.



CON-TROL-CURE® unencased ballasts

Unencased ballasts, which include a bare power supply with no wiring or other electrical components, and related components are available for replacing existing CON-TROL-CURE or other 3rd party power supplies. Every CON-TROL-CURE Power Supply is equipped with a built-in high temperature overload switch to prevent burnout. UV Process also provides customized power supplies to meet specialized specifications.

DIN RAIL CONNECTOR SYSTEM

Two, fully-wired, ready-to-install DIN rails featuring all internal high/low voltage electrical and switching components for interfacing your ballast and UV lamp. The DIN Rail system includes:

- **Main Power/Control DIN Rail:**
Pre-wired, 2-position mounting bracket incorporates all switching relays (including mercury), timer, fuses and grounding. Color- and numerically-coded with diagrams for quick, error-free installation.
- **High Power DIN Rail**
Pre-wired, 2-position mounting bracket includes high/low/medium volt interface (up to 2000W) and grounding on 2-position mounting bracket. Color- and numerically-coded with diagrams for quick, error-free installation.



CON-TROL-CURE®'s exclusive Lamp Voltage Interface

NOTE: UV Process Supply does not provide engineering support or technical service for installation. While our ballasts are suitable for emergency power reduction switching, and can be interfaced with temperature sensing devices, etc., the customer must provide all electrical engineering and installation expertise.

24-HOUR PRODUCT SERVICES

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