

Model 713 Xenon Lamp Power Supply

- Works with 100 TO 300W Lamps
- Fully Automatic Operation Including Restart
- Front Panel Status Indicators
- Shielded External Igniter
- Safety Interlock System
- 24V Output for Cooling Fans



Our Model 713 Xenon Lamp Power Supply is rugged and extremely reliable. It is designed for operation of Xenon Short Arc Low Voltage DC Lamps. It can be used with the McPherson Model 621, 613 or customer-designed lamp and enclosure.

One touch operation. After turning on the power switch, the power supply will automatically provide the high voltage required to start the lamp and then a lower running voltage to sustain lamp operation after it illuminates. Auto restart is standard.

“At-a-glance” indicators on the front of the unit show lamp status and current being drawn by the lamp. Shielded external Igniter Box with all cabling supplied. Safety interlock system disables the power supply if the fan cable is not connected or if an interlock switch on the lamp enclosure (McPherson or customer-provided) is activated. Unit produces 24VDC to drive external cooling fans.

Lamp Voltage	10-29 or 10-120 Depends on Lamp
Lamp Wattage	100 TO 300 Internally Configured
Lamp Current	22 / 10A (depends on Lamp in Use)
Ignition Voltage	+/-14Kv (+/- 2Kv)
RF Ripple	<1% P-P
50/60Hz Ripple	<4VP-P
Open Circuit Voltage	105-115 / 200-260
Ignition Time	0.9 - 1.1 Seconds
Ignition Attempts	5 Max
Ballast Lifetime	25000 Hours
Standby if Fault Detected	3 Seconds
AC Input	90 to 264VAC
Frequency	50/60Hz
Power	Varies With Lamp, 150W to 350W
AC Input Fuse	5A Slow Blow
Efficiency	83%
External Fan Voltage	+24VDC
Fan Output Current	500mA Max
Current Display	3-1/2 Digit High Intensity Red LED
Front Panel Indicators	Power, Lamp, Fault
Front Panel Switch	Power
Rear Panel Connectors	Lamp, Fan, AC Input Power
Dimensions	5.5" x 8.37" x 12"
Dimensions - Igniter	6.73" x 4.76" x 2.17"
Weight	10 Lbs
Operating Temperature	0 to 60C
Storage Temperature	-20C to +50C
Humidity	20% - 95% Non Condensing

Provided with AC Power Cord, Lamp Cable, Fan Cable, and external igniter