



CAPACITOR CHARGER 7800

The Laser Drive 7800 Series Dye Laser Capacitor Charger features Universal Input and Power Factor Correction. With Universal Input, the line voltage setting is automatically adjusted for operation at 100-240 VAC, 50 or 60 Hertz. Outputs to 3000 Watts average power are available with voltages up to a positive or negative 5000 VDC. Output regulation is down to .1% ripple. Integrated trigger, simmer and auxiliary outputs are available.



Laser Drive is an innovative international company dedicated to the quality design, manufacture and support of power supplies for various laser and light sources. Laser Drive provides world class designs and support for all your power supply needs.

Some of our laser products include power supplies for Argon, HeNe and Diode Lasers. Our light products include Capacitor Charging Power Supplies for Dye and Excimer Lasers, Deuterium Lamp Power Supplies, CW Arc Lamp Power Supplies, Tungsten Lamp Power Supplies and a variety of Flash Lamp Power Supplies.

Laser Drive has been in business since 1976 and today is a growing international company based in the Pittsburgh, Pennsylvania area. Our manufacturing quality system is ISO 9001:2000 certified and provides the highest quality products available today. We are a full service provider of power supply design, manufacturing and support.

Specifications

Input

- Universal 100 - 240 VAC Single Phase, Nominal
- <20 Amps Current @ 90 VAC
- 50/60 Hertz
- Power Factor Correction (>.98)

Output

- 5KV, Positive or Negative
- 3000 Watt Average Power
- Output Voltage Regulation to .1% (low ripple)
- Integrated Trigger Output (optional)
- Integrated Auxiliary Output, 24 volt, 6 amp (opt)

Accessories (optional)

- Simmer Power Supply
- Line Voltage Filter
- External Trigger

Variations

- Various Model Types and Configurations are available

Features

- Universal Input 90 to 264 VAC
- Power Factor Correction
- Medical Approvals
- Compact Size
- Lightweight
- High Efficiency

The information contained in this document is for reference only and subject to change without notice. Please contact Laser Drive for information (724) 443-7688 ▪ www.laserdrive.com ▪ sales@laserdrive.com