



- **Blanking**
- **Thermal Shut Down**
- **Current Limits**
- **Arc Protection**
- **OEM Customization Available**

Spellman High Voltage Electronics Corporation continues to set the standards for high voltage power conversion technology with the new DGM high voltage power supply for Image Intensifier applications.

The DGM was developed in conjunction with a leading supplier of medical radiographic imaging systems.

The DGM series can be adapted to suit specific requirements with a wide selection of multiple output voltages and power capabilities in a compact package, making it perfect for the OEM user.

TYPICAL APPLICATIONS

Radiology
 Cardiology
 Neuroradiology
 Night Surveillance
 Astronomical Observations
 Spectrophotometry
 Non Destructive X-Ray Inspection
 Image Intensifiers

SPECIFICATIONS

Input Voltage:

+15Vdc and -15Vdc

Input Current:

0.5A at full output

Programmable Output Voltages:

1. Anode Voltage

Output Voltage 33kV (40kV available)

Ripple 0.03% p-p

2. Grid 1

Output Voltage 15kV

Ripple 0.045% p-p

3. Grid 2

Output Voltage 1kV

Ripple 0.1% p-p

4. Cathode

Output Voltage 250V

Ripple 0.2% p-p

5. Pump

Output Voltage 2kV

Ripple 1% p-p

Temperature:

Operating: +10°C to +50°C

Signal Connector:

High voltage socket output connectors

Input D-type connector

Dimensions:

6.8"H x 4.68"W x 1.37"D (173mm x 119mm x 35mm)

Weight:

2.86 lb. (1.3kg)

Custom Products

Available with Multiple Anodes, Focus and Grid Outputs.

Please consult factory for custom requirements

Regulatory Approvals:

Compliant to 2004/108/EC, The EMC Directive and 2006/95/EC, The Low Voltage Directive

