



- **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 rediagnostic 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.

