



The ENI Power System OEM-6-AM-1 Power Generator is an all solid state, water cooled, power source expressly designed for use in gas plasma and sputtering applications. Completely self-contained, the OEM-6AM-1 provides all of the control and monitoring functions needed in a state-of-the-art power generator.

OEM-6AM-1

- Model: ENI RF Power Generator
- AC Line Voltage: 0.25% maximum change in output power for 7.5% change in AC line voltage
- Line Frequency: 13.56 mHz
- Frequency Stability: + .005%
- RF Output Impedance: 50 Ohms
- Maximum Power Output: More than 750 Watts
- Power Output Meter: 0-750 Watts with an accuracy of 4% of full scale Forward and reverse power by switch selection.
- Power Fold Back Protection: Automatic, occurs when reverse power reaches 75 Watts, or power amplifier current exceeds preset limit.
- Pulsed Operation: Rise time is less than 0.5 msec, RF output may be controlled simultaneously for amplitude and pulse width.
- Automatic Forward Power Regulation: + 5% Maximum of set power from 100 to 750 Watts \pm 10% maximum from 1 to 100 Watts. Up to 1.5:1 VSWR (within fold back limits).
- RF Output Connector: Type "N"
- External Computer Control Interface: Amphenol Subminiature "D" type #17-10150 (matching connector supplied)
- External RF Power Level Control: 0 to 10 Vdc positive pulse input; external potentiometer.
- Forward RF Power Control: Calibrated at 1.00 V per kW, direct reading on digital voltmeter.
- Cooling: Water flow at 0.8 Gal/min. minimum. Connections provided to accept 1/4" male (NPT) pipe thread.
- Size: 7" X 16 5/8" X 15 1/2" (HxWxD)
- Weight: 76 lbs (34 kg)

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