



The ENI Power System Model OEM-25A 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-25A provides all of the control and monitoring functions needed in a state-of-the-art power generator. It will provide a maximum of 2500 Watt into a 50 Ohm impedance.

**OEM-25A RF Power Generator**

- Frequency: 13.56 mHz
- Frequency Stability:  $\pm .005\%$  Maximum
- RF Output Impedance: 50 Ohms
- Maximum Power Output: More than 2500 Watt. Local control set to 2730 Watt max. Remote control set to 2730 Watt max.
- Power Output Meter: 0 to 3000 Watt 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 600 Watt, 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.
- RF output Connector: Type "HN". "HN" to "N" adapter provided.
- External Input/Output: Amphenol Subminiature "D" type RFI suppression FCC 17B 15SM-250.
- External RF On/Off Control: + 12-24 VDC to enable RF power (floating not ground referenced).
- Forward RF Power: Adjustable, 250 W/V to 2500 W/V output power indication. Factory set for 300 W/V.
- Cooling: Water flow at 2.0 Gal/min. minimum. Cooling water inlet and outlet are 1/4" female NPT. Maximum cooling air temp. +40 degrees.
- Weight System: 225 lbs., 102 kg
- Size: 17.5" X 17.0" X 21.0"  
44.5CM X 43.2CM X 53.4CM (H x WQ x D)

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