MW-GENERATOR
1200 W
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- Max. Output Power: 1200W
- Max. Output Current: 300mA
- Max. Output Voltage: 5000VDC (negative)
- Loads: Magnetrons 2.4GHz, 3.9...4.3kV, 800..1000W
- Max. power consumption: 1300W
- Mains input: 210...250VAC / 40...60Hz
- Input current: max. 9 Arms
- Efficiency: >95% (at nominal power)
- Power Adjustment modes:
  - Current mode: 50...300mA
  - Power mode: 100...1200W (via DSUB or PC connection only)
- Burst mode:
  - Pulse-Width: 100µs...100ms
  - Pulse-Delay: 100µs..100ms
- Accuracy: better than ±5% of final value, temperature compensated
- Load mismatch protection against open output and short circuit
  - turn off time at short cut/open load: < 1 sec
  - turn off time at adjustment error: < 5 sec
- Synchronized parallel operation mode
- Operating temperature range: +15...+40°C
- Cooling: max. 70m³/h air flow rate (temperature controlled)
- Interfaces:
  - 2x RJ45 ports for synchronization in parallel operation mode and for PC connection
  - DSUB25 (female) for remote operation by industrial system control units (24/10V voltage levels)
  - Switched 230VAC output for connection of magnetron heating transformer
  - High voltage connector for magnetron cathode

Applications:
- (pulsed) powering of magnetrons in general
- low pressure plasma generation

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