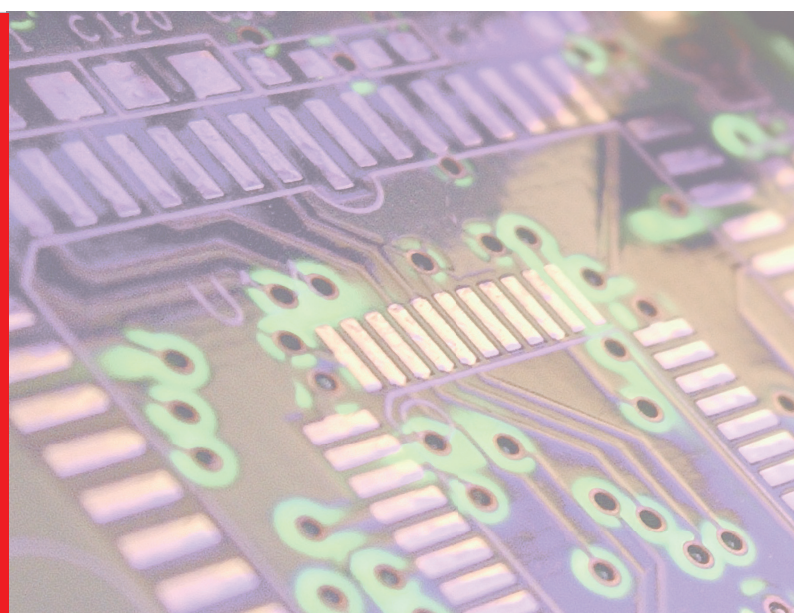


RF-GENERATOR

13.56 MHz, 100 W

diener^{electronic}
Plasma-Surface-Technology



RF-GENERATOR

electronic
diener
Plasma-Surface-Technology

- Rated RF power output: 100 Watts
- Frequency: 13.560 MHz $\pm$ 100ppm
- Adjustable RF power range:
0 – 100 Watts, continuous
- Generator can be pulsed:
Min. on-time: 5 μ s
- Impedance: 50 Ohms
- RF stability: less than 5 %
- Load mismatch protection (built-in)
against open output and short circuit
- Regulation tolerance load:
VSWR = 1,2
- Capable of switching power to 100 % immediately
- Mains input: 88 - 264 VAC / 47 – 63 Hz
(when combined with external power supply)
- Mains power consumption: max. 220 Watts
- Remote interface connector intended for:
 - RF switch ON/OFF
 - RF power adjustment (0...10V $\hat{=}$ 0...100%)
- RF output: N connector
- Power connector: for external power supply
- Weight: approx. 6,5 kg (generator) plus
1,0 kg (power supply)

Applications:

- Low pressure plasma
- Dielectric heating



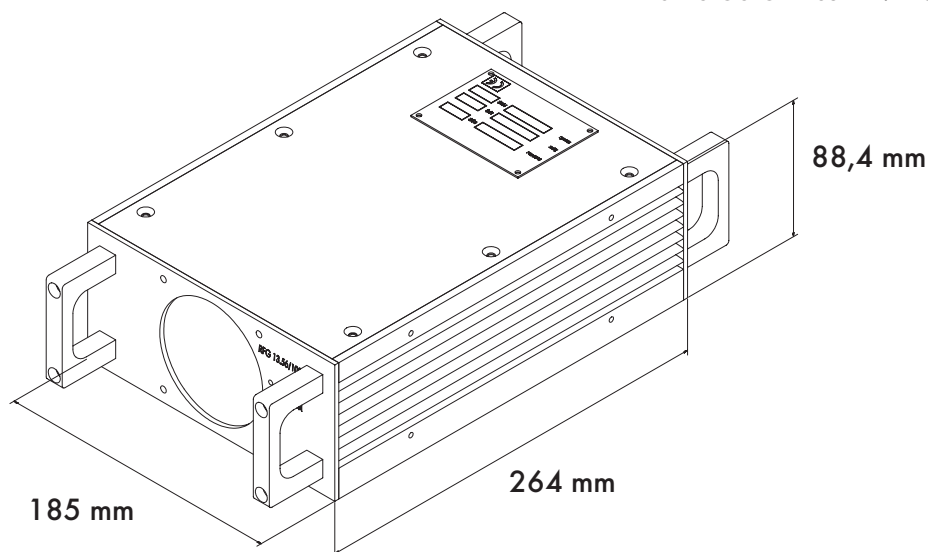
pic: front view



pic: rear view



pic: external power supply unit (included)
dimensions: L 190 mm / W 93 mm / H 55 mm



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