

## ACOM 1000 specifications

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- Frequency Coverage: All amateur bands 1.8-54MHz; extensions and/or changes on request.
- Power Output: 1000W PEP or continuous carrier, no mode limit.
- Intermodulation Distortion: Better than 35dB below rated output.
- Hum and noise: Better than 40dB below rated output.
- Harmonic Output Suppression:
  - 1.8-29.7MHz - better than 50dB below rated output;
  - 50-54MHz - better than 66dB below rated output.
- Input and Output Impedances:
  - nominal value: 50 Ohm unbalanced, UHF (SO239) type connectors;
  - input circuit: broadband, VSWR less than 1.3:1, 1.8-54MHz continuously (no tunings, no switching);
  - bypass path VSWR less than 1.1:1, 1.8-54MHz continuously;
  - output matching capability: better than VSWR 3:1 or greater at reduced output levels.
- RF Gain: 12.5dB typically, frequency response less than 1dB (50 to 60W drive power for rated output).
- Primary Power: 170-264V (200, 210, 220, 230 & 240V nominal taps, 100, 110 & 120V taps on request, +10%-15%tol.), 50-60Hz, single phase, 2000VA consumption at rated output.
- Complies with CE safety and EMC requirements, as well as FCC-regulations (6,10 & 12m bands lock provided).
- Size & Weight (operating):
  - WxDxH: 422x355x182mm, 22kg.
  - (16.6x14x7.2 inches, 48.5lbs)
- Operating environments:
  - temperature range: 0...+50 degs.Celsius;
  - humidity: up to 75% @ +35 degs.Celsius.
  - height: up to 3000m above sea level without output deterioration