

OM Power 4000A and 4000HF FCC certified and will be on display at the Array Solutions booths at Hamvention



## General description and the advantages of the OM4000A amplifier

The OM Power model [OM4000A](#) is an automatic power amplifier, designed for use on all short wave amateur bands from 1.8 to 29.7 MHz (including WARC bands) and all modes. It is equipped with a two pieces of ceramic tetrode FU728F.

### The advantages of OM4000A:

- Automatic switching between bands
- Automatic tuning with the band according to segments
- Automatic switching of band pass filter
- Automatic switching of the antenna switch
- The possibility to use 2 different antennas within one band or segment
- Full compatibility with
  - - ICOM
  - - YAESU
  - - ELECRAFT
  - - Ten-Tec Orion
  - - Kenwood
  - - Flex Radio Series 6xxx

**Specification of OM4000A:**

<b>Frequency coverage:</b>	Amateur Bands 1.8 – 29.7 MHz including WARC
<b>Power output:</b>	4000W in SSB and CW, 3000W in RTTY, AM and FM
<b>Input Power:</b>	Usually 60 to 90W for full Output Power
<b>Input Impedance:</b>	50 Ohm, VSWR < 1.5 : 1
<b>Power Gain:</b>	17 dB
<b>Output Impedance:</b>	50 Ohm unbalanced
<b>Maximum Output SWR:</b>	2:1
<b>SWR protection:</b>	Automatic switching to STBY, when reflected power is 350W or higher
<b>Intermodulation distortion:</b>	32dB below nominal output
<b>Suppression of harmonics:</b>	< -50 dBc
<b>Tubes:</b>	2x FU728F Ceramic tetrode
<b>Cooler:</b>	Centrifugal blower + Axial blower
<b>Power supply:</b>	2 x 230V – 50 Hz one or two phases
<b>Transformers:</b>	2 pcs of toroidal transformer 3kVA
<b>Dimensions:</b>	485 x 200 x 455mm (width x height x depth)
<b>Weight:</b>	46 kg