



ELTRONIKA SRL



FM Solid State Amplifier **EKA 3000S**

The EKA 3000S is a power amplifier for FM-sound broadcasting.

It is designed to operate in band II-VHF from 88 to 108MHz. All the R.F. Circuitry is broadband with power stage in solid state technology and output capability up to 3000W. Thanks to these features, the EKA 3000S can operate without adjustment. The unit is enclosed in a cabinet for 19"-4U rackmounting.

The EKA 3000S uses Microcontroller technology for the protection and measurement circuitry, which controls RF output power, SWR, temperature, unbalancing and regulated voltage supply (Vdc).

Our product can solve any customer's problem, because it unites high reliability and performance with low cost.

TECHNICAL CHARACTERISTICS

RF SECTION

Frequency range	87.5 - 108MHz
Modulation	FM
Output power	3000W (± 0.25 dB)
Gain	18dBmin.
RF Input impedance	50
RF Output impedance	50
Harmonic attenuation	-70dBC
RF Output connector	7/8 Female

GENERAL

Power supply	220 Vac +10% -25% - 50 Hz - 60Hz
Typical power consumption	5600VA
RS232 Socket	DB9 Connector
Telemeasuring socket	DB9 Connector
Cabinet	Rack 19"-36U
Ambient temperature	-5° to +45°C
Relative humidity	20% - 90%



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