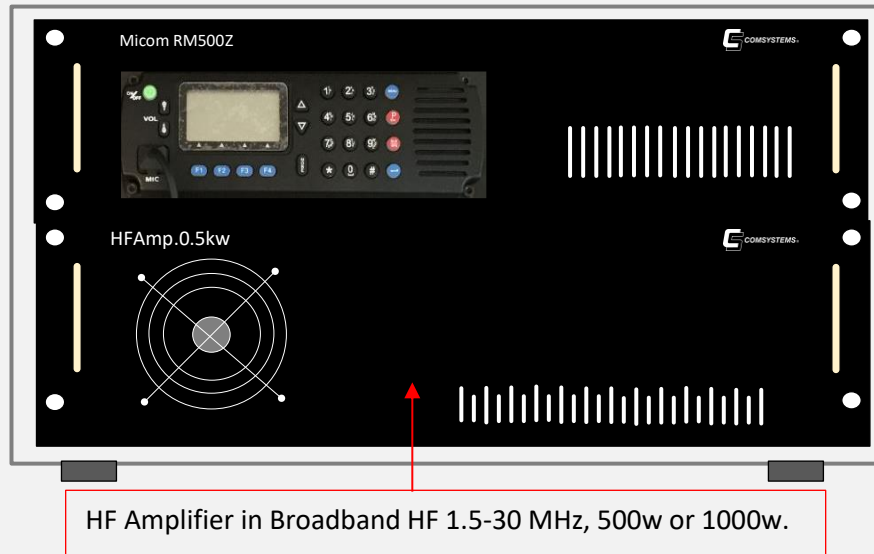


HF Amplifier 500w or 1kw



Features

- Linear solid-state design
- Ultra-efficient switching power supply
- Built in monitoring and control (remote port, Ethernet, SNMP)
- Field proven reliability
- High efficiency gain stages
- CW, pulsed, and modulated applications

Mechanical Features

- Minimal Rack Space 1KW Power Amplifier with internal Power Supply 3U (5.25") x 25" D x 19"W
- Weight 30Kg
- Lightweight Enclosures Aluminum
- Operating Temperature -10 to +50° C Other options Available
- Storage Temperature -40 to +85° C
- Humidity 95%, non-condensing
- Cooling Integrated forced air cooling (optional liquid cooling)

Electrical Characteristics

- Flexible AC Input 90-264Vac single-phase, 208Vac nominal (others available upon request) 47-63Hz
- AC Consumption 1,800 V-A typical (at 1 kW CW) single phase

Example for a standard basic 1kw

Basic 1KW Amp

RF CHARACTERISTICS			
model	-S std 1 x 1000W	-B model 2x 500W Combine to 1KW	
Frequency Range	Broadband HF 1.5 - 30 MHz (others available upon request) ie 2-30MHz, 3-30MHz		
Input Power	0 dBm (for rated output power) (others available upon request)		
Power Level	Adjustable 0 – 100% up to 1,000-watts CW (+60dBm)		
Power Gain	60 dB		
Power output	1000W CW and PEP		adjusts 1-1000W
Power output redundancy		Two amplifiers combining to give 1000W	
Gain Flatness across BW	+/- 0.8 dB AGC on +/- 3.0 dB AGC off,		
Input Impedance	50 Ω into amplifier, BNC female	50 Ω into amplifier, BNC female ((Nf and others available)
Input Return Loss	> 20 dB typical		
Output Impedance	50 Ω , 7-16 DIN female		Nf and others available)
RF Sample	50 Ω , BNC female		
Modulation	CW, FM, QAM, pulse, etc.		
Harmonics (with switched Low Pass Filters to cover full band	> 50 dBc typical	> 60 dBc typical	
Spurious Emissions	> 60 dBc typical		

Some Options are available to add on top of the rack mount

- [MicomLink II](#)
- [Encryption for Voice or Voice and Data](#)

Accessories are available like:

- [Antenna and mast](#)