

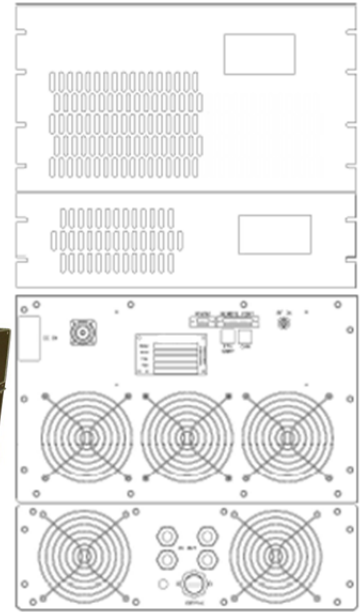


ISM Band High Power Amplifier (SSPA)

470MHz-1GHz, 1 Kilowatt

Industrial, Scientific, and Medical.

- Full color touchscreen display
- 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
- 2 Year Warranty



Order Examples: RAMP-470-1000M-60d-BNCf-1Kilowatt-t15

Description: (High Power Amplifier (SSPA), ISM band, 470-1000MHz, BNC female Connectors, 1 Kilowatt)

Specifications		Units
RF Characteristics		
Frequency Range	UHF 470 - 1000 MHz	MHz
Input Power	0 dBm (for rated output power)	dBm
Power Level	Adjustable 0 – 100%	watts CW
Input Impedance	50 Ω into amplifier, BNC female (others available)	
Output Impedance	50 Ω , Type-7/16 Din female	
RF Sample	50 Ω , BNC female	
Modulation	CW, FM, QAM, pulse, etc.	
Mechanical Features		
Minimal Rack Space	6U x 25"D x 19"W Power Amplifiers 3U x 25"D x 19"W Power Supplies:	
Lightweight Enclosures	Aluminum	
Operating Temperature	-10 to +50°C	°C
Humidity	95%, non-condensing	
Cooling	Forced air ball-bearing fans (optional liquid cooling)	
Electrical Characteristics		
Flexible AC Input	200-240Vac single-phase, (208Vac 3 phase available)	Vac
AC Consumption	4,400 watts typical (at 1 kW CW)	
Interface		
DB25 Remote Port	Control	RF carrier on/off, RF power up/down, reset
	Monitor	Forward/reflected RF level, control PCB Vcc
	Flags	Amplifier overdrive, VSWR (adjustable trip point), high temperature
Ethernet	Control	RF carrier on/off, RF power up/down, AGC/manual mode, change VSWR trip point, reset
	Monitor	Forward/reflected RF level, DC pallet voltage, RF input level, temperature, VSWR trip point, model/serial number
	Flags	Carrier on/off, amplifier overdrive, DC pallet voltage, VSWR, RF input level, temperature, AGC/manual status
SNMP	Control	RF carrier on/off, RF power up/down, AGC/manual mode, change VSWR trip point, reset
	Monitor	Forward/reflected RF level, DC pallet voltage, RF input level, temperature, pallet current, attenuation, run time, RF fault, model/serial number
	Flags	Amplifier overdrive, VSWR, temperature, SNMP error

RAMP-470-1000M-60d-BNCf-1KW-t15

Specifications may be subject to change

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Screenshots off Touchscreen Interface

