



AMP6026P SOLID STATE HIGH POWER AMPLIFIER



FEATURES

- L-Band high power pulse applications
- Rack mounted system
- Class AB linear LDMOS design
- Built-in protection circuits
- High reliability and ruggedness

ELECTRICAL SPECIFICATIONS

Parameter	Specification	Notes
Operating Frequency Range	1.0 GHz \pm 25 MHz	Nominal
Power Output Pulse	5 KW Min	Peak Pulse
Input Pulse Characteristics	Width	Typical values
	17 μ Sec	
Power Gain	67 dB Min	
Input / Output Return Loss	10 dB Min	Relative to 50 Ohm
Harmonics	-30 dBc Max	At rated output
Non-Harmonic Spurious	-60 dBc Max	
Operating Voltage	100 - 240 VAC	
Power Consumption per Duty Cycle	800 Watt @ 2%	At rated output
Max Input Power	+3 dBm	Protection circuit
Load VSWR Protection	∞ : 1	

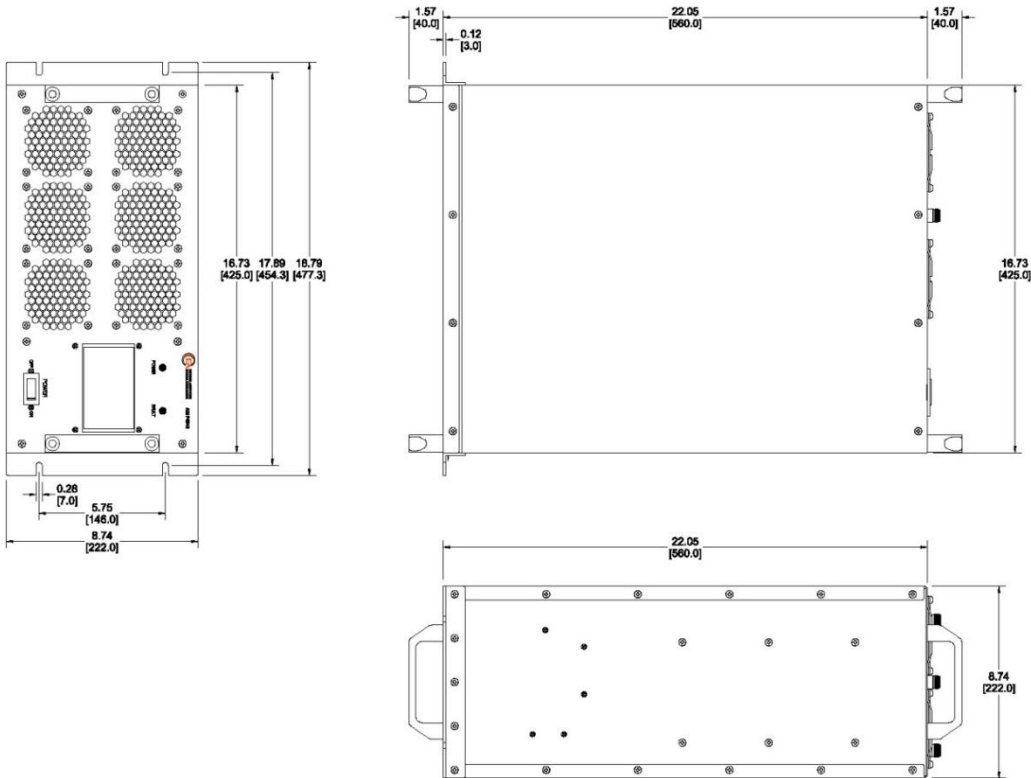
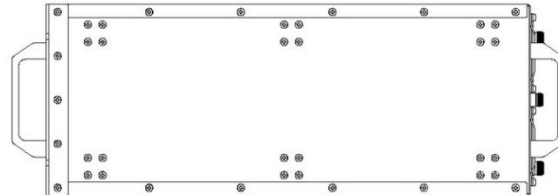
ENVIRONMENTAL CHARACTERISTICS

Parameter	Specification	Notes
Operating Ambient Temperature	0 to +50°C	
Storage Temperature	-40 to +85 °C	
Relative Humidity	5 to 95 %	Non-condensation

MECHANICAL SPECIFICATIONS

Parameter	Specification	Notes
Dimensions W x H x D		Per outline drawing
Weight	30 Kg. Max	
RF Connectors In/Out	Type-N Female	Front Panel Standard
AC Power	IEC 60320-C14 / 9-Pin D-Sub	Or equivalent
Cooling	Built in Fan Cooling	Variable speed
OPTIONAL: Digital Monitor & Control FWD, REV, VSWR, GAIN, ALC, V & I, TEMP	Ethernet RJ-45 TCP/IP, RS422/485 Optional GPIB Interface	Remote Bluetooth application

OUTLINE DRAWING - With Controller and Display Option



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- 5U System Outline (Rear Connectors Input N, Output N)

