



## AMP6034 SUITE SOLID STATE HIGH POWER AMPLIFIERS

### FEATURES

- Class AB linear GaAsFET hybrid design
- Rack mounted system
- Designed for broadband EMI/RFI, Lab, Comm. and EW applications
- Suitable for all single channel modulation standards
- Built-in protection circuits
- High reliability and ruggedness



### ELECTRICAL SPECIFICATIONS: 25°C, 50Ω

MODEL		AMP6034-10	AMP6034-20	AMP6034-40	AMP6034A-40
PARAMETERS	LIMIT	SPECIFICATIONS			
Frequency Range	Min	27 - 29 GHz			
Saturated Output Power CW	Min	10 Watt	20 Watt	35 Watt Typ	40 Watt
Output Power @ P1dB CW	Typ	8 Watt	15 Watt	30 Watt	30 Watt
Power Gain	Min	40 dB	43 dB	46 dB	
Gain Flatness	Max	2 dB p-p			
Gain Adjustment Range	Min	20 dB			
Input Return Loss	Max	-10 dB			
Noise Figure	Min	10 dB			
Harmonics	Max	-20 dBc			
Non-harmonics Spurious	Max	-60 dBc			
Operating Voltage	Nom	100 - 240 VAC			
AC Power Consumption	Max	120 Watt	250 Watt	500 Watt	600 Watt
Max Input Power	Max	0 dBm			
Load VSWR Protection	Max	5 : 1 <1 Minute @ rated Pout			

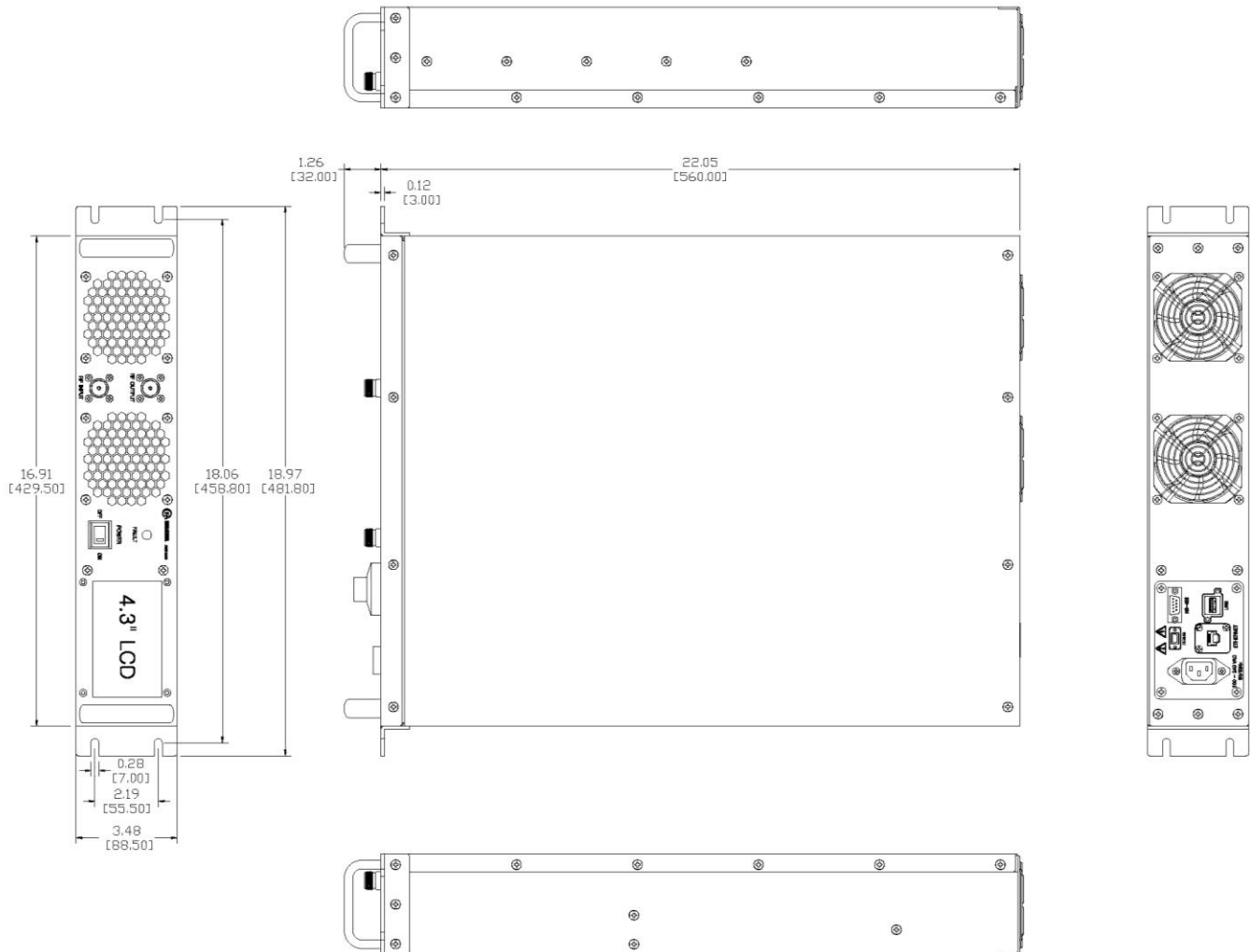
### ENVIRONMENTAL CHARACTERISTICS

PARAMETERS	SPECIFICATIONS
Operating Ambient Temperature	0 to +50 °C
Storage Temperature	-20 to +75 °C
Relative Humidity	5 to 95 % Non-condensing

### MECHANICAL SPECIFICATIONS

PARAMETERS	SPECIFICATIONS	
Dimensions W x H x D	R2U rack mount	R3U rack mount
Weight	10 kg.	15 Kg.
RF Connectors In/Out	2.92 mm Female (WR-28 optional) / WR-28	
AC Power / Interface Connector	IEC 60320-C14 / 9-Pin D-Sub	
Cooling	Built in Fan Cooling	

## OUTLINE DRAWING - R2U with LCD



## OUTLINE DRAWING - 3U with LCD

