

MODEL NUMBER:  
**SS6G-25**  
SOLID STATE HIGH POWER AMPLIFIER



**FEATURES:**

- ✓ RACK MOUNT SYSTEM
- ✓ CLASS AB LINEAR GAN DESIGN
- ✓ INSTANTANEOUS ULTRA-BANDWIDTH
- ✓ SUITABLE FOR ALL SINGLE CHANNEL MODULATION STANDARDS
- ✓ BUILT-IN PROTECTION CIRCUITS
- ✓ HIGH RELIABILITY AND RUGGEDNESS

**ELECTRICAL SPECIFICATIONS: 50Ω, 25°**

PARAMETER	SPECIFICATION	NOTES
Operating Frequency Range	0.8 - 6.0 GHz	
Power Output @ Psat	50 Watt Typ	CW
Power Output @ 1dB GCP	25 Watt Typ	CW
Power Gain	44 dB Min	
Power Gain Flatness	3.0 dB p-p Max	
Input Return Loss	10 dB Min	Relative to 50 Ohm
2-Tone Intermodulation (IMD)	-30 dBc Typ	37dBm/Tone, Δ = 1MHz
Harmonics	-20 dBc Typ	At rated Pout
Spurious	-60 dBc Max	Non-Harmonics
Operating Voltage	100 - 240 VAC	
Power Consumption	300 Watt Max	At rated Pout
Input Power Protection	+8 dBm Max	<10 Sec without damage
Load VSWR Protection	∞ : 1	<1 minute @ rated Pout

**ENVIRONMENTAL CHARACTERISTICS**

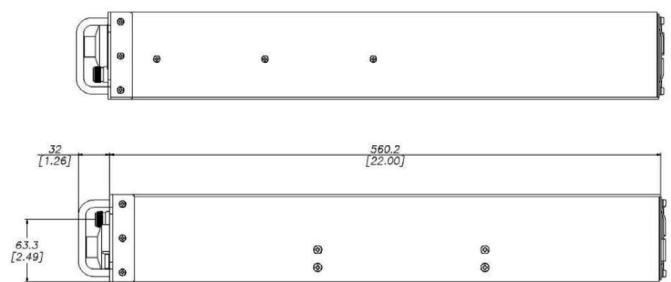
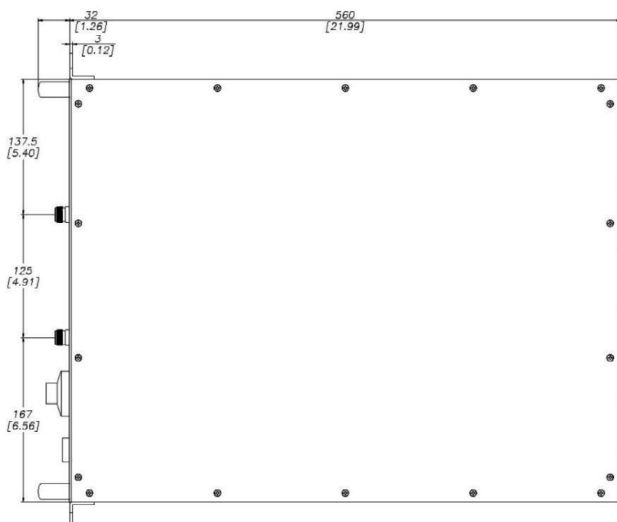
PARAMETER	SPECIFICATION	NOTES
Operating Ambient Temperature	0 to +50 °C	
Storage Temperature	-40 to +85 °C	
Relative Humidity	5 to 95 %	Non-condensation

## MECHANICAL SPECIFICATIONS

PARAMETER	SPECIFICATION	NOTES
Dimensions W x H x D	430 x 88 x 562 mm	2U
Weight	10 kg.	
RF Connectors In/Out	Type-N Female	
AC Power / Interface Connector	IEC 60320-C14 / 9-Pin D-Sub	
Cooling	Built in Fan Cooling	
<b>OPTIONAL:</b> Digital Monitor & Control FWD, REV, VSWR, GAIN, ALC, V & I, TEMP	Ethernet RJ-45 TCP/IP, RS422/485	



## OUTLINE DRAWING



\* UNIT : mm / [inch]



WWW.THEEMCSHOP.COM



SALES@THEEMCSHOP.COM



844.423.7435



THE EMC SHOP, 7401 GALILEE RD. #160 ROSEVILLE, CA 95678