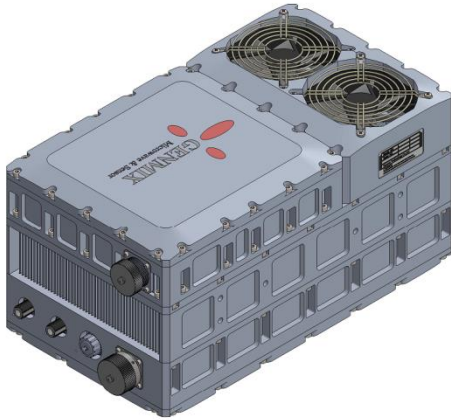


# Ku-Band 200W SSPA



## Applications

- SatCom On-the-Move, Micro Flyaway Systems, VSATs, SNG and antenna-mount applications

## Features

- Full range of output Power of 200W
- Weatherproof construction
- Based on GaN Technology for Compact & Light Weight

## Options

- L-band to Ku-band BUC
- 1:1 redundant switching

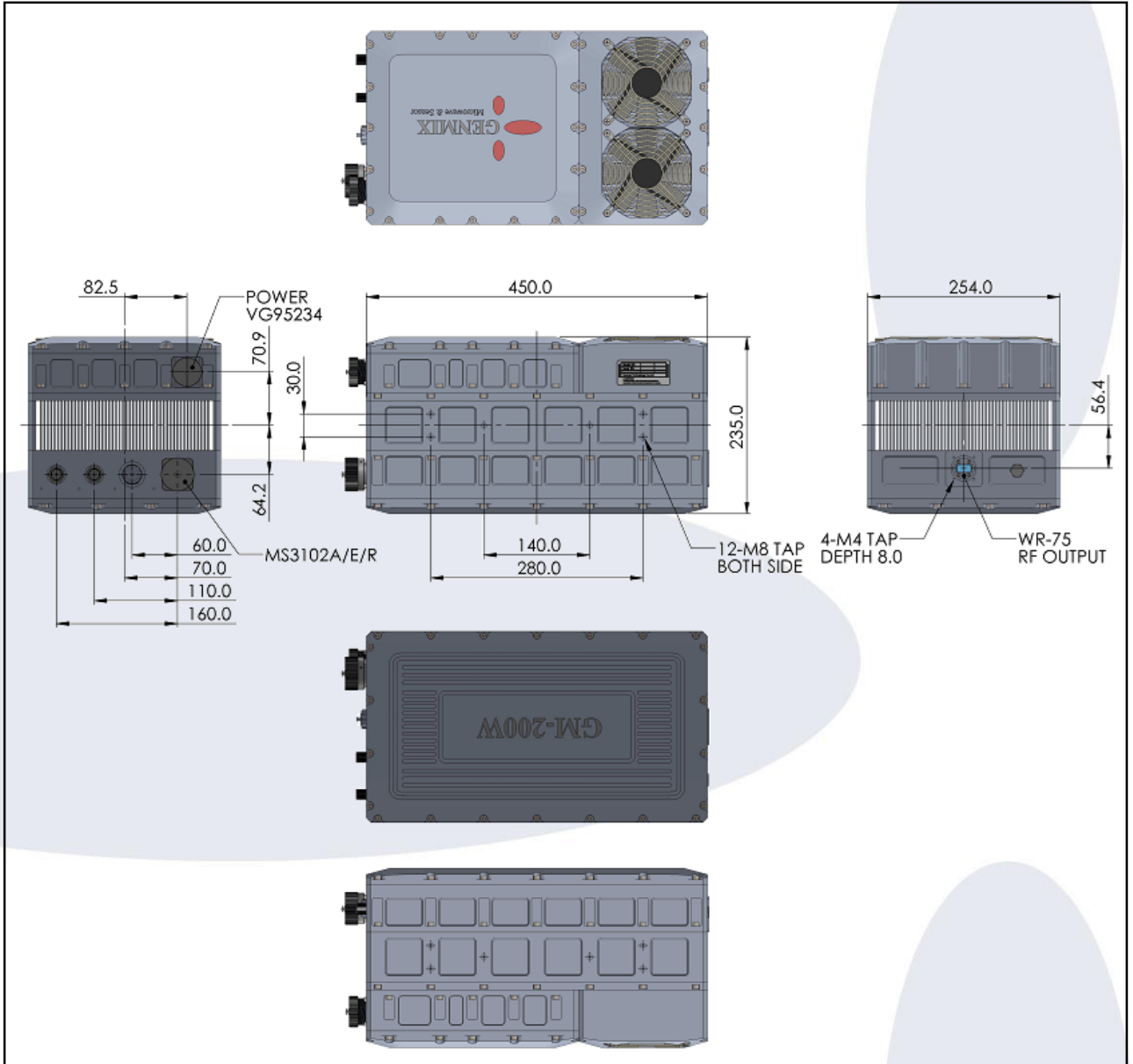
Parameter	Model GMA1401450B31 SSPA	Model GMA137145B32 SSPA
Output Frequency	14.0 to 14.5 GHz (Standard)	13.75 to 14.5 GHz (Extended)
Output Power (min.) (P <sub>SAT</sub> , CW) (P <sub>lin</sub> , CW)	200 watts (53.0 dBm) typical 100 watts (50.0 dBm) min.	
L-Band Input (BUC option only)	L-band to Ku-band block upconverter, with multiplexed 10 MHz reference Multi-band BUC: 500MHz or 1GHz within Ku-band	
Gain	60 dB min. at small signal	
Gain Stability Over temp, constant drive Over 24 hours, fixed temp. Over 40 MHz Over 500 MHz	±1.5 dB max. ±0.25 dB max. ±0.5 dB max. ±2.0 dB max.	
Gain Adjustment Range	20 dB min.	
Gain Variation over Temperature	±2.0 dB max.	
Input VSWR	1.5:1 max.	
Output VSWR	1.5:1 max.	
AM/PM Conversion	< 2.5°/dB max. @ 3dB Back-off at rated Psat power	
Harmonic	-60 dBc max. @ P <sub>lin</sub> power	
Spurious	-60 dBc max. @ P <sub>lin</sub> power	
Noise Power Density	<-70 dBW/4 kHz @ TX Band	
AC Input Voltage	90-265 VAC (47-63 Hz)	
Power Consumption	1400 W max. @ Psat	
Operating Temperature	-40°C to +55°C	
Storage Temperature	-55°C to +85°C	
Relative Humidity	100% condensing	
RF Output Connector	WR-75 cover with groove	
Input Connector	N-type female	
M&C Connector	MS-type	
M&C Interface	RS-485 (optional Ethernet interface)	
Dimensions, L x W x H	17.7" x 10.0" x 9.25" (450x254x235mm)	
Weight	46.3 lbs (21 kg) typ.	

The specification subject to change without notice.



For the customized specification, price, and delivery ; Contact us  
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## Mechanical Outline (AC input model)



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