

SPA-80M-1-1200 Solid State Power Amplifier

(80MHz - 1GHz, 1200W)

Key Features

- Multi-octave broadband performance
- High output power
- Wide dynamic range
- High-efficiency GaN technology
- Low power consumption
- Low spurious signal
- Extremely load-resistant
- Over voltage, over temperature, over current protection
- Optional overdrive protection
- CE, RoHS certification



Overview

Saluki SPA-80M-1-1200 is a solid-state RF power amplifier with an output frequency of 80MHz to 1GHz and an output power of 1200W. Its design is based on the most advanced LDMOS technology in the industry, and its power output is efficient and reliable. It is mainly used for testing and measuring instruments, Communication or interference, aviation control and other fields. The product has functions such as temperature and current detection, alarm protection and so on.

Technical Specifications

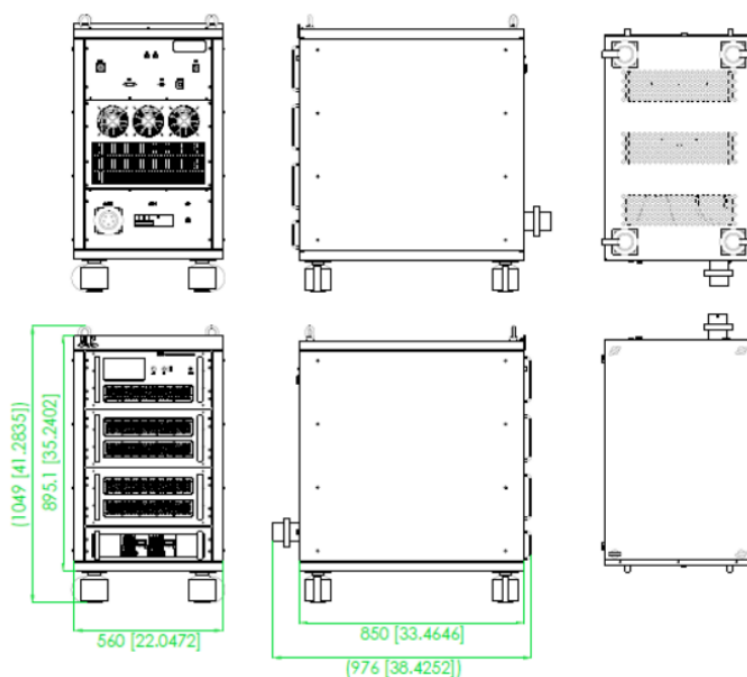
SPA-80M-1-1200			
Frequency Range	80MHz - 1GHz	Input Power	0dBm (max.)
Output Power	1200W (min.)	Harmonic	-10dBc (typ.)
P1dB Output Power	600W(min.)	Spurious	-60dBc (max.)
Gain	60dB (min.)	Input VSWR	2.0:1 (max.)
Gain Flatness	± 5 dB (max.)		

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Input Port	Type-N (female)	Output Port	7/16 (female)
Impedance	50 ohm	Power consumption	6000W
Communication Interface	LAN, RS485	Power Supply	AC 380V±10% , 50/60Hz
Dimension	850.0x560.0x895.1	Cooling Type	Air cooling
Operating Temperature	0 - 50°C		

Outline Structure



Options

Module No.	Item
001	Forward/Reverse Power Monitoring
002	GPIO interface

Note: Information will conduct the necessary updates. the contents of this document are subject to change without notice.