

SPA-9K-100M-1000 Solid State Power Amplifier

(9kHz - 100MHz, 1000W)

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

Saluk SPA-9K-100M-1000 is a solid-state RF power amplifier with an output frequency of 9kHz to 100MHz and an output power of 1000W. 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-9K-100M-1000			
Frequency Range	9kHz - 100MHz	Adjustable Gain	20dB (max.)
Psat	1000W (min.)	Input Power	0dBm (max.)
P1dB	500W (min.)	Harmonic	-15dBc (typ.)
Gain	60dB (min.)	Spurious	-60dBc (max.)
Gain Flatness	± 3dB (max.)	Input VSWR	2.0:1 (max.)

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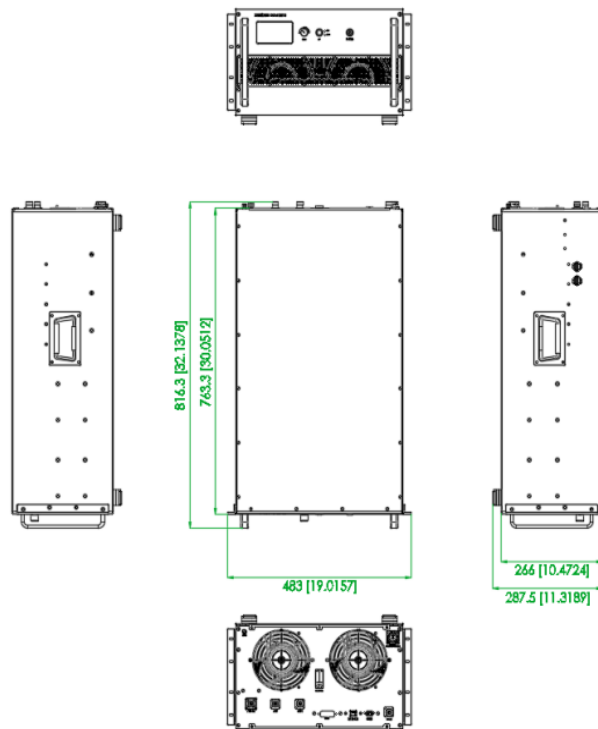


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Input Port	Type-N (female)	Impedance	50 ohm
Output Port	Type-N (female)	Power consumption	5500W (typ)
Communication Interface	RS485, LAN	Power Supply	AC 220V±10%, 50/60Hz
Dimension	19", 6U	Operating Temperature	0 - 50°C
Cooling Type	Air cooling	Weight	60KG(typ)

Outline Structure



Options

Module No.	Item
001	Forward/Reverse Power Monitoring
002	Input Power Detection
003	GPIB interface

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

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