

SPA-10K-100M-1000 Solid State Power Amplifier

(10kHz - 100MHz, 1000W)

Key Features

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



Overview

Saluk SPA-10K-100M-1000 is a solid-state RF power amplifier with an output frequency of 10kHz 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

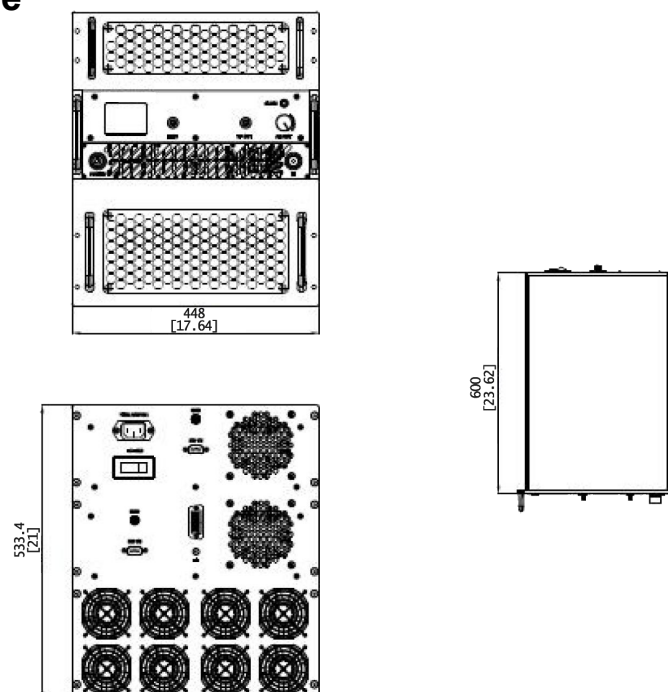
SPA-10K-100M-1000			
Frequency Range	10kHz - 100MHz	Adjustable Gain	20dB (max.)
Output Power	1000W (min.)	Input Power	0dBm (max.)
P1dB Output Power	800W (min.)	Harmonic	-18dBc (typ.)
Gain	60dB (min.)	Spurious	-60dBc (max.)
Gain Flatness	± 3dB (max.)	Input VSWR	1.5:1 (max.)

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VSWR Protection	5:1	Impedance	50 ohm
Input Port	Type-N (female)	Output Port	7/16 (female)
Monitoring Port	Type-N (female)	Cooling Type	Air cooling
Communication Interface	LAN	Power Supply	AC 220V±10%, 50/60Hz
Dimension	19", 12U	Operating Temperature	0 - 50℃

Outline Structure



Options

Module No.	Item
001	Overdrive protection
002	GPIO interface

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