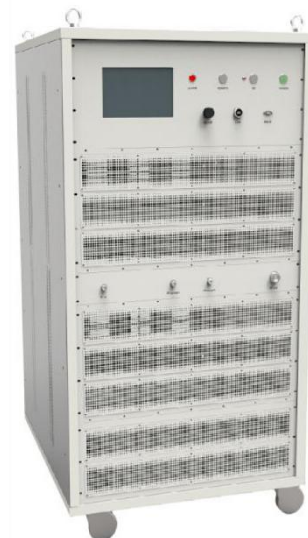


# SPA-1-2P5-1000 Solid State Power Amplifier

(1GHz - 2.5GHz, 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

Saluki SPA-1-2P5-1000 is a solid-state RF power amplifier with an output frequency of 1GHz to 2.5GHz and an output power of 1000W. Its design is based on the most advanced GaN 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

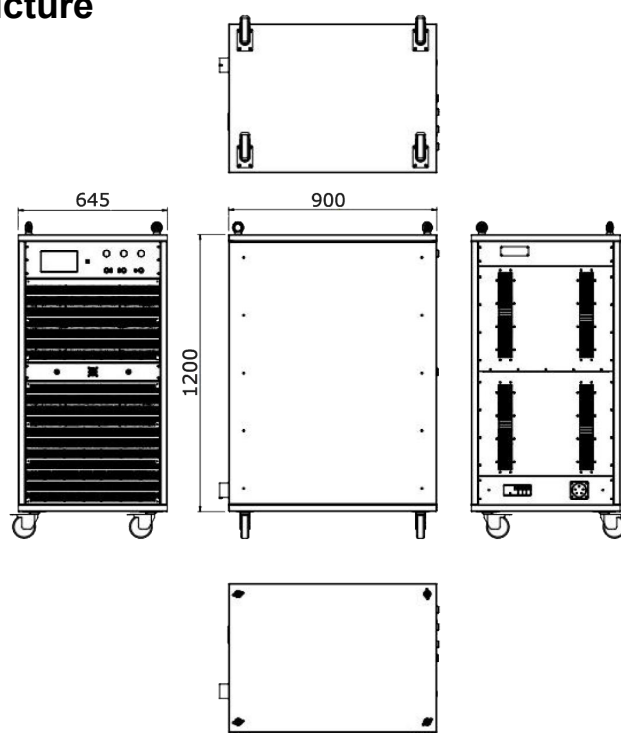
SPA-1-2P5-1000			
Frequency Range	1GHz - 2.5GHz	Input Power	5dBm (max.)
Output Power	1000W (min.)	Harmonic	-10dBc (typ.)
P3dB Output Power	500W (min.)	Background Noise	-40dBm/MHz (max.)
Gain	60dB (min.)	Spurious	-60dBc (max.)
Gain Flatness	± 3dB (max.)	Input VSWR	1.5:1 (typ.)
Adjustable Gain	20dB (max.)	VSWR Protection	3:1

# SPA-1-2P5-1000 Solid State Power Amplifier

(1GHz - 2.5GHz, 1000W)

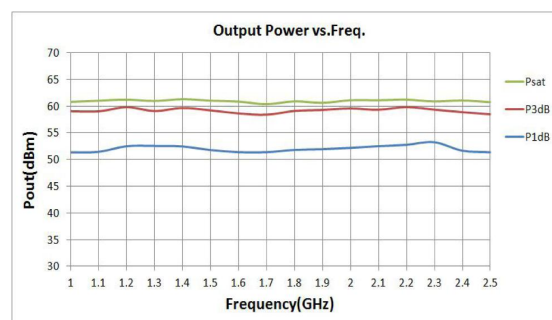
<b>Impedance</b>	50 ohm	<b>Monitoring Port</b>	Type-N (female)
<b>Input Port</b>	Type-N (female)	<b>Output Port</b>	L29-50KFD
<b>Communication Interface</b>	RS485, LAN	<b>Power Supply</b>	AC 380V±10%, 50/60Hz
<b>Dimension</b>	645×900×1200 mm	<b>Cooling Type</b>	Air cooling
<b>Operating Temperature</b>	0 - 50°C		

## Outline Structure



## Options

Module No.	Item
001	Overdrive protection
002	GPIB interface



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