

SPA-0P6-6-500 Solid State Power Amplifier

(0.6GHz - 6GHz, 500W)

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
- Forward & reverse power monitoring
- Over voltage, over temperature, over current protection
- CE, RoHS certification



Overview

Saluki SPA-0P6-6-500 is a solid-state RF power amplifier with an output frequency of 0.6GHz to 6GHz and an output power of 500W. 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

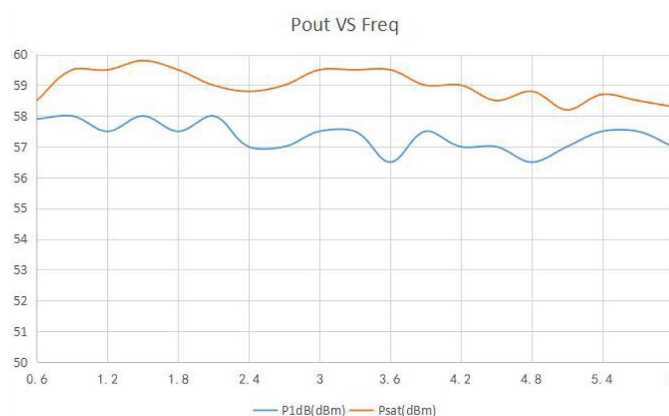
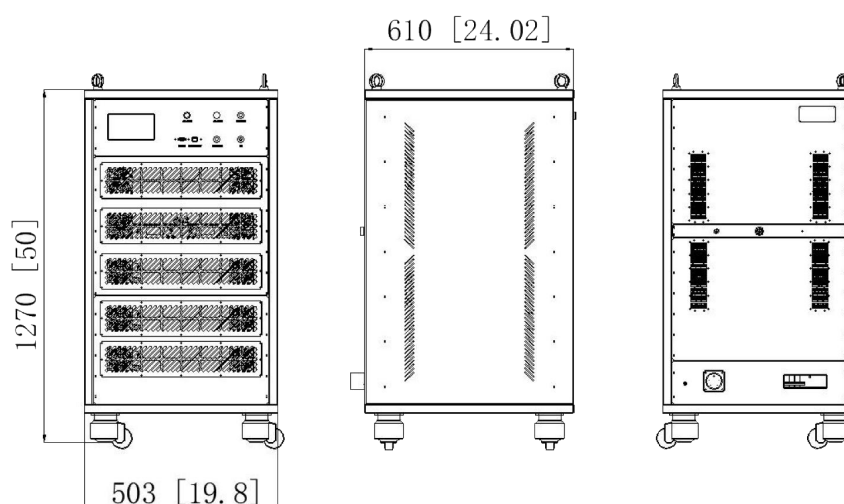
SPA-0P6-6-500			
Frequency Range	0.6GHz - 6GHz	Input Power	0dBm (max.)
Output Power	500W (min.)	Harmonic	-23dBc@Po=400W (max.)
P1dB Output Power	400W (min.)	Spurious	-60dBc (max.)
Gain	57dB (min.)	Input VSWR	1.5:1 (typ.)
Gain Flatness	± 3dB (max.)	Impedance	50 ohm
Adjustable Gain	20dB (max.)	Cooling Type	Air cooling

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Input Port	Type-N (female)	Output Port	7/16 (female)
Communication Interface	RS485, LAN, GPIB	Power Supply	AC 380V±10%, 50/60Hz
Dimension	1270×503×610 mm	Weight	160kg
Operating Temperature	0 - 40°C		

Outline Structure



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