

# SPA-6-18-500 Solid State Power Amplifier

(6GHz - 18GHz, 500W)

## 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-6-18-500 is a solid-state RF power amplifier with an output frequency of 6GHz to 18GHz 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

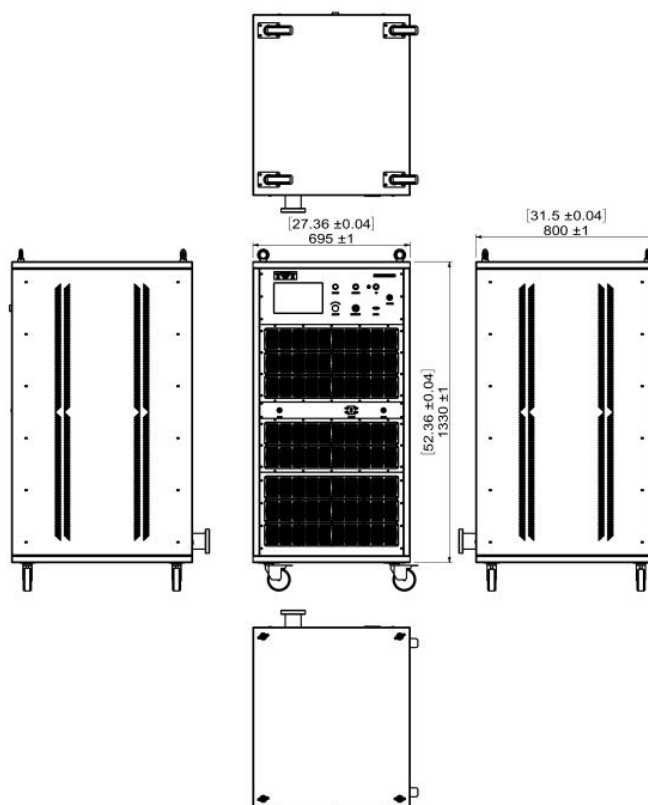
SPA-6-18-500			
Frequency Range	6GHz - 18GHz	Input Power	0dBm (max.)
Psat	500W (min.)	Harmonic	-15/-8dBc (typ/max)
Gain	57dB (min.)	Spurious	-60dBc (max.)
Gain Flatness	± 5dB (max.)	Input VSWR	1.5:1 (typ.)
Adjustable Gain	20dB (max.)	Impedance	50 ohm
Input Port	N-F, front panel	Output Port	WRD650, front panel

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<b>Communication Interface</b>	RS485, LAN	<b>Power Supply</b>	AC 380V ±10%,50/60Hz
<b>Dimension</b>	800.0x695.0x1330.0	<b>Cooling Type</b>	Air cooling
<b>Operating Temperature</b>	0 - 50°C		

## Outline Structure



## Options

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.*