

# SPA-40-54-120 Solid State Power Amplifier

(40GHz-54GHz,120W)

## 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
- Built-in control, monitoring and protection circuits
- Over voltage, over temperature and overdrive protection
- CE, RoHS certification



## Overview

Saluki SPA-40-54-120 is a solid-state RF power amplifier with an output frequency of 40GHz to 54GHz and an output power of 120W. 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-40-54-120			
<b>Frequency Range</b>	40GHz-54GHz	<b>Harmonic</b>	-20dBc (typ.)
<b>Gain Flatness</b>	±10dB(max.)	<b>Spurious</b>	-60dBc (max.)
<b>Psat</b>	120W (min.)	<b>Input VSWR</b>	1.5:1 (typ.)
		<b>Gain</b>	52dB (min.)
		<b>Adjustable Gain</b>	15dB (max.)

Add: No.1-2 Section 5, Zhongxiao East Rd, Xinyi District, Taipei, Taiwan.

Tel: +886. 909 602 109

Email: sales@salukitec.com

Web: [www.salukitec.com](http://www.salukitec.com)



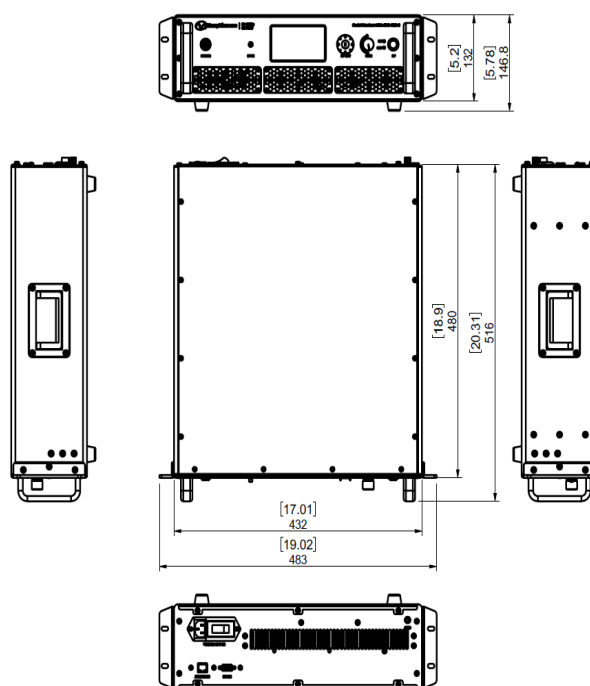
# SPA-40-54-120 Solid State Power Amplifier

(40GHz-54GHz,120W)

<b>Input Port</b>	1.85-F, Front Panel	<b>Output Port</b>	WR19,Front Panel
<b>Control Interface</b>	RS485、LAN	<b>Power Supply</b>	AC 220V±10%, 50/60Hz
<b>Dimension</b>	19"6U	<b>Cooling Type</b>	Air cooling
<b>Operating Temperature</b>	0 to 50 °C	<b>Input Impedance</b>	50

## Outline Structure:

The following appearance and structure are for reference only. The specific dimensions are subject to the actual object.



## Options:

Module No.	Item
001	Forward/reverse power monitoring
002	Input power detection
003	GPIB programmable interface

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

Add: No.1-2 Section 5, Zhongxiao East Rd, Xinyi District, Taipei, Taiwan.

Tel: +886. 909 602 109

Email: sales@salukitec.com

Web: [www.salukitec.com](http://www.salukitec.com)

