

SPA-8P2-10P4-23000 Pulse Solid State Power Amplifier

(8.2GHz - 10.4GHz, 23000W)

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-8P2-10P4-23000 is a pulse solid-state RF power amplifier with an output frequency of 8.2GHz to 10.4GHz and an output power of 23000W. 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

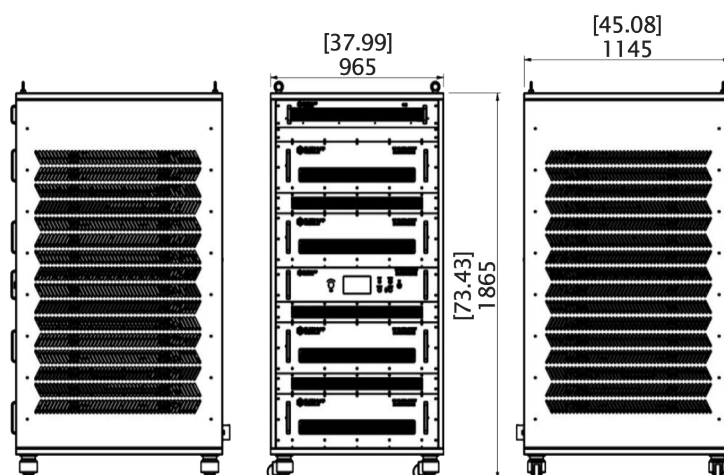
SPA-8P2-10P4-23000			
Frequency Range	8.2GHz - 10.4GHz	Input Power	0dBm (max.)
Output Power	23000W (min.)	Harmonic	-30dBc (typ.)
P3dB Output Power	15000W (min.)	Spurious	-60dBc (max.)
Gain	74dB (min.)	Pulse Rise Time	0.5 μ s (max.)
Gain Flatness	\pm 2dB (max.)	Pulse Fall Time	0.5 μ s (max.)
Adjustable Gain	25dB (max.)	Pulse Flatness	0.5dB (typ)

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Pulse Width	50 μ s (max.)	Controlling Ratio	10% (max.)
Input VSWR	1.5:1 (typ.)	Impedance	50 ohm
VSWR Protection	3:1	Cooling Type	Air cooling
Input Port	Type-N (female)	Output Port	WR90
Monitoring Port	Type-N (female)	Dimension	965 \times 1145 \times 1865 mm
Communication Interface	LAN	Power Supply	AC 380V \pm 10%, 50/60Hz
Operating Temperature	0 - 50 $^{\circ}$ 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.