

SLA-L-1000 Power Amplifier

Maximum output voltage 1020Vrms

Maximum output power 1000VA

Bandwidth (-3 dB) 200Hz to 120kHz

Overcurrent protection



Overview

SLA-L-1000 is an ideal single channel power amplifier.

Maximum output voltage of 1020Vrms, 1000VA power, can drive 0~100% resistive or non-resistive loads. The output impedance can be matched with multiple gears, which can be adjusted by customers according to test requirements.

Input

Single-end input, the input is a BNC interface.

Output impedance matching adjustment gear

Output resistance (Ω)	30	115	260	460	720	1040
Output voltage (Vrms)	170	340	510	680	850	1020
Output current (Arms)	5.67	2.96	1.96	1.48	1.18	0.98

Monitor

Output current monitor: 100mV/A

Output voltage monitor: 5mV/V

The output monitoring port is BNC connector, which can be directly connected to the oscilloscope

Real-time monitoring.

LCD Panels Display

Operation panel LCD display, device status and parameters dynamic display, interactive interface at a glance, simple and easy to understand.

Output

The output impedance matches multiple voltage gears. The customer can adjust the voltage percentage (0~100%) at the corresponding gears according to the test requirements to realize the output adjustment. The device is equipped with output overheat and overload protection. The LCD panel displays the current protection state and can be output again after troubleshooting.

Specifications

Model	SLA-L-1000
Bandwidth (-3dB)	200Hz~120kHz
Maximum output voltage	1020Vrms
Maximum output power	1000VA
THD	≤1%@1kHz, 53Vrms (170Vrms tap)
Input voltage at full amplitude output	1Vrms(1kHz)
Input resistance	10kΩ
Voltage monitor	5mV/V
Current monitor	100mV/A
Output connector	4mm banana socket
Protection	Over current protection
Signal ground	Connected with the grounding of the shell and the power line.

Other

Supply voltage	AC220V±10%, 50Hz
Operating temperature	0°C ~ 45°C
Storage temperature	-20°C ~ 50°C
Humidity	≤80% RH, no condensation
Warranty	3 years
Size	440*290*565mm (w*h*d)

Order

Model	SLA-L-1000 Power Amplifier
Parameters	200Hz~120kHz
Accessories	*1 three-core power cord, *3 BNC wires, *1 set of output wires, *1 safety tube, product specification, certificate, packing list and factory test report each.
Contact	sales@salukitec.com