SLA-WB-3 Wide Band Amplifier

Single channel

Maximum output voltage 70Vp-p(±35Vp)

Maximum output current 2Ap

Bandwidth (-3dB) DC~3MHz

Slew rate ≥467V/μs

Overview

SLA-WB-3 is a single-channel wideband amplifier that amplifies AC-DC signals. The maximum output voltage is 70Vp-p (±35Vp) and the maximum output current is 2Ap (>50Hz). The voltage gain can be adjusted, and the setting can be saved by one key, which provides a convenient and simple operation choice. It can be used with the mainstream signal generator to realize the perfect amplification of the signal.

LCD Panels Display

SLA-WB-3 adopts LCD panel display, dynamic display of device status and parameters, clear operation interface, simple and easy to understand.

Input

The input is BNC interface. Input resistance 50Ω, 1MΩ two optional, perfect match high and low internal resistance signal source.

Voltage Gain

The voltage gain is adjustable from 0 to 40 times, which can be divided into coarse adjustment (1step) and fine adjustment (0.1 step). Combined with the display of the LCD panel gain, the voltage can be quickly adjusted to the required value.

Output

The output is BNC interface, the maximum output voltage is 70Vp-p(±35Vp), the maximum output current is 2Ap.

Monitor port M.out

Output voltage monitoring port (100mV/V) : The monitoring port is a BNC interface, which can be directly connected to the oscilloscope for real-time monitoring of output voltage.

Output current monitoring port (1V/A) : The monitoring port is a BNC interface, which can be directly connected to the oscilloscope for real-time monitoring of output current.

SALUKI TECHNOLOGY

Specifications

Model	SLA-WB-3
Form of output	Single output
Bandwidth（-3dB)	DC~3MHz
Maximum output voltage	70Vp-p（±35Vp)
Maximum output current	1Ap（DC~50Hz)
	2Ap（>50Hz)
Maximum output power	70Wp
Voltage gain	x0~40（0.1 step/1 step)
Upper limit of load R_L	≥33Ω（DC~50Hz)
	≥15.5Ω（>50Hz)
Slew rate	≥467V/μs
Output resistance	≤（2Ω＋0.4μH)
Input resistance	50Ω/10kΩ
Input amplitude	0~10Vp-pMAX
Output voltage error	≤±2%FS@1kHz
Total harmonic distortion (THD)	≤1%@1kHz，70Vp-p
Zero-point drift of output voltage	≤±10mV
Signal-noise ratio(SNR)	≥70dB
Fuse	2A/250V
Output connector	BNC
Protection	Overcurrent protection Over temperature protection
Signal ground	Connected with the grounding of the shell and the power line.

Other

Supply voltage	AC110~240V，50/60Hz
Operating temperature	0°C ~ 45°C
Storage temperature	-20°C ~ 50°C
Humidity	≤80% RH，no condensation
Warranty	3 years
Size	262*163*365mm (w * h * d)

Order

Model	**SLA-WB-3　Wide Band Amplifier**
Parameters	DC~3MHz（-3dB)
Accessories	*1 three-core power cord, *1 BNC turn crocodile clip wire, *2 BNC wire, *1 safety tube, product specification, certificate, packing list, factory test report each.
Contact	sales@salukitec.com