

## SLA-L-600 Power Amplifier

Maximum output voltage 1020Vrms

Maximum output power 600VA

Bandwidth (-3 dB) 200Hz to 120kHz

Overcurrent protection



### Overview

SLA-L-600 is an ideal single channel power amplifier.

Maximum output voltage of 1020Vrms, 600VA 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 ( $\Omega$ ) | 48   | 193  | 434  | 771  | 1204 | 1734 |
| Output voltage (Vrms)          | 170  | 340  | 510  | 680  | 850  | 1020 |
| Output current (Arms)          | 3.54 | 1.76 | 1.18 | 0.88 | 0.7  | 0.59 |

### 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

|   |   |
|---|---|
| <b>Model</b>                                  | SLA-L-600   |
| <b>Bandwidth (-3dB)</b>                       | 200Hz~120kHz  |
| <b>Maximum output voltage</b>                 | 1020Vrms  |
| <b>Maximum output power</b>                   | 600VA   |
| <b>THD</b>                                    | ≤1%@1kHz, 53Vrms<br>(170Vrms tap)                             |
| <b>Input voltage at full amplitude output</b> | 1Vrms(1kHz)   |
| <b>Input resistance</b>                       | 10kΩ  |
| <b>Voltage monitor</b>                        | 5mV/V   |
| <b>Current monitor</b>                        | 100mV/A   |
| <b>Output connector</b>                       | 4mm banana socket   |
| <b>Protection</b>                             | Over current protection                                       |
| <b>Signal ground</b>                          | Connected with the grounding of the shell and the power line. |

## Other

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

## Order

|                    |  |
|--------------------|--|
| <b>Model</b>       | <b>SLA-L-600 Power Amplifier</b>   |
| <b>Parameters</b>  | 200Hz~120kHz   |
| <b>Accessories</b> | *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. |
| <b>Contact</b>     | sales@salukitec.com  |