



Linear Bench Power Supply unit eliminates voltage harmonics across the entire range of electrical loads and features separate USB ports for both R&D/QA and equipment charging. The device is suitable for any situation that involves pushing SMPS units to the limit. The SVLP-USB is robust and comes with short circuit and over voltage protection, and a thermal cutoff.

### Highlights:

- Linear regulated PSU (no harmonics)
- 4 no. of outputs
- Two separate lab jacks @ 0-40V, 0.01-3 A, 273W
- Overvoltage protection (OVP)

### Facts:

- Highly accurate multi-position selector knob
- USB developer mode (4.0 to 6.2V)
- USB quick charging port (5V / 9V/ 12V)

### USB Test and Development Port

The SVLP-2403 USB allows stress-testing USB devices. The number of devices featuring USB host connectors is steadily on the rise. Those devices also need to operate with USB power supply not up to the required standards. The SVLP-2403 USB comes with the appropriate test and development port.

### USB Current Limiter

The built-in current limiter with variable settings simulates an USB port that supplies less than 500mA. This allows assessing whether e.g. USB flash drives work at low amperage levels.

### USB Under/Overvoltage

The USB test port enables seamless voltage settings between 3.9 and 6.2V. The selector engages at 5.1V. For safety reason, over voltage mode needs to be turned on separately. Undervoltage supply can be selected at any time.

### Precise Power Settings

The 10-position selector knob helps set an output voltage of precisely 0 - 40 V.

### Silent Cooling

Unlike SMPSs, linear power supply units require appropriate cooling. The SVLP-2403 USB comes with oversized passive heat sinks. No fans required. Moreover, there's enough thermal headroom left to allow operating at maximum capacity levels.

### Quickcharge USB 2.0 Port

In addition to the USB test and development port, the unit comes with a USB charging port. This enables the supply of mobile devices and any USB-powered lab equipment.

**Technical Specifications:**

No. of outputs	:	4
Power	:	273W
<b>Output - 1</b>		
Voltage	:	0 - 40V
Current	:	0.01A - 3A
<b>Output - 2</b>		
Voltage	:	0 - 40V
Current	:	0.01A - 3A
<b>Output - 3</b>		
Voltage	:	3.8V - 6.2V
Current	:	0.01A - 2.5A
<b>Output - 4</b>		
Voltage	:	5V - 12V
Current	:	0 - 2.5A
Connections	:	4 mm safety jacks (output 1), 4 mm safety jacks (output 2), USB test and development port (output 3), usb charging port (output 4)
Inputs	:	IEC 320 C14
Technology	:	Linear regulated PSU
Features	:	OVP
Dimensions	:	L 270mm X W 440mm X H 125mm
Weight	:	11 kg
Mains	:	230V AC, 50Hz
Operating Temperature	:	5 - 40°C
Residual ripple	:	2-20 mV