

LINEAR AC-DC POWER

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SVTEL is one of the leading manufacturer of Telecom Power Conversion Devices, including standard and customised AC/DC power supplies as well as DC/DC converters.

SVTEL manages customer needs and monitors the latest trends regarding power for a multitude of applications in the areas of Telecom, Industrial Machines, Appliances, Medical Equipment, Broadcast Systems, Military Devices, Laboratory Appliances, Test and Laboratory Equipment, Automotive Industry, Aviation Systems, Maritime Equipment.....and many more.

The SVTEL LPS series LINEAR AC-DC REGULATED DC POWER SUPPLY Series offers a range of Regulated Supplies for use in Telecom, Industries, Research Labs, and Capacitor Testing etc. The range has more models. All the models have electrically floating outputs and operate in constant voltage current limiting mode. The LPS-ST-3 & 5 models have two versions each. The Suffix N is used when negative output terminal is grounded & P is used when Positive output terminal is grounded.

Product Features : -

- Hot plug in modules.
- Compact size for Easy handling.
- Wide mains input variation tolerance.
- Wide out put voltage with regulation.
- Very low ripple content.
- Fast acting electronics protections.
- 100% Input and outputs Q.C. checked and heat run tested products.
- Easy to operate.

Technical Specification

S.NO

Description

1
MODEL No.
LPS...

2

INPUT VOLTAGE

160-230V AC /90-130 V 50/60/400 Hz, 1

3

OUTPUT VOLTAGE

0 - 30V DC continuously variable with coarse and fine voltage

4

OUTPUT CURRENT

0 - 20A max. Continuously variable with coarse & fine control.

5

LOAD REGULATION

0.05% plus 3mV for load variation from no load to full load

6

LINE REGULATION

± 0.05% plus 3mV for ±10% change in supply mains

7

RIPPLE

0.50%

8

PROTECTION

O/P Overload(through MCB Optional)

O/P Short circuit(through MCB Optional)

O/P OV trip(through MCB Optional)

I/P OV trip(through MCB Optional)

I/P UV trip(through MCB Optional)

9

DIMENSIONS W*D*H

430 * 450 * 133 mm

10

COOLING

Fan inside

11

REDUNDANT OPERATION

O/P parallel through diode.

Current sharing can be adjusted by setting O/P voltage level. In case one module fails total load will be shifted to other module

MANUFACTURERS OF : - Linear DC Power Supplier SMPS, DC-DC Converter , DC UPS, Inverter , CVT , Line, Filters, Battery Charger,Control Panels & Custom Build Electronic Items.