

SLT MODELS: 10-100 AMPERES

Product Features



- ▶ System Output: DC
- ▶ Current outputs from 10-100 amperes.
- ▶ Voltage outputs from 6-48 volts.
- ▶ Multiple options for control interfaces.
- ▶ Custom sizes and configurations available.
- ▶ Small package size: switch mode technology.
- ▶ Rugged, environmentally-sealed, stainless steel enclosure.

Product Overview

The LITE (SLT) Series power supply is based on switch mode technology. The control interface features digital encoders and meters to set and read back current and voltage. Sub-menus are accessible through the encoders to set ampere time or real-time cycles, output tolerance requirements, and more.

- ▶ Real Time Cycle (RTC) Control
- ▶ Ampere Time Cycle (ATC) and Time Totalizer
- ▶ Constant current, constant voltage, and cross-over regulation modes
- ▶ FrontPanel+ Host Control Program for process storage/data logging
- ▶ RS485 serial port for host control
- ▶ Electronic overload, over-temperature, and short circuit protection
- ▶ Universal AC input from 100-240 VAC
- ▶ Forced air cooled

Performance Specifications

- ▶ Line Regulation: +/- 1% of setting or +/- 0.1% of maximum rating, whichever is greater
- ▶ Load Regulation: +/- 1% of setting or +/- 0.1% of maximum rating, whichever is greater
- ▶ Digital Meter Accuracy: +/- 1% plus L.S.D.
- ▶ Temperature Stability: 0.2% of peak rating after 15 minute warm up
- ▶ Ripple: <1% RMS of maximum rated output voltage

Options

- ▶ Analog interface board: 4-20mA, 0-5V, or 0-10V

SLT MODELS: 10-100 AMPERES

Model	Voltage (DC)	Current (Amps)	Voltmeter Resolution	Amp Meter Resolution	AC Input Options	Size
6 VOLTS						
SLT6-5	0-6	0-5	0.01 V	0.01 A	A	3.43"H x 8.45"W x 18"D
SLT6-10	0-6	0-10	0.01 V	0.01 A	A	3.43"H x 8.45"W x 18"D
SLT6-25	0-6	0-25	0.01 V	0.1 A	A	3.43"H x 8.45"W x 18"D
SLT6-50	0-6	0-50	0.01 V	0.1 A	A	3.43"H x 8.45"W x 18"D
SLT6-75	0-6	0-75	0.01 V	0.1 A	A	3.43"H x 8.45"W x 18"D
SLT6-100	0-6	0-100	0.01 V	0.1 A	A	3.43"H x 8.45"W x 18"D
9 VOLTS						
SLT9-10	0-9	0-10	0.01 V	0.01 A	A	3.43"H x 8.45"W x 18"D
SLT9-25	0-9	0-25	0.01 V	0.1 A	A	3.43"H x 8.45"W x 18"D
SLT9-50	0-9	0-50	0.01 V	0.1 A	A	3.43"H x 8.45"W x 18"D
SLT9-75	0-9	0-75	0.01 V	0.1 A	A	3.43"H x 8.45"W x 18"D
SLT9-100	0-9	0-100	0.01 V	0.1 A	A	3.43"H x 8.45"W x 18"D
12 VOLTS						
SLT12-10	0-12	0-10	0.01 V	0.01 A	A	3.43"H x 8.45"W x 18"D
SLT12-25	0-12	0-25	0.01 V	0.1 A	A	3.43"H x 8.45"W x 18"D
SLT12-50	0-12	0-50	0.01 V	0.1 A	A	3.43"H x 8.45"W x 18"D
SLT12-75	0-12	0-75	0.01 V	0.1 A	A	3.43"H x 8.45"W x 18"D
SLT12-100	0-12	0-100	0.01 V	0.1 A	B	3.43"H x 8.45"W x 18"D
18 VOLTS						
SLT18-10	0-18	0-10	0.01 V	0.01 A	A	3.43"H x 8.45"W x 18"D
SLT18-25	0-18	0-25	0.01 V	0.1 A	A	3.43"H x 8.45"W x 18"D
SLT18-50	0-18	0-50	0.01 V	0.1 A	A	3.43"H x 8.45"W x 18"D
SLT18-60	0-18	0-60	0.01 V	0.1 A	A	3.43"H x 8.45"W x 18"D
24 VOLTS						
SLT24-10	0-24	0-10	0.01 V	0.1 A	A	3.43"H x 8.45"W x 18"D
SLT24-25	0-24	0-25	0.01 V	0.1 A	A	3.43"H x 8.45"W x 18"D
SLT24-50	0-24	0-50	0.01 V	0.1 A	A	3.43"H x 8.45"W x 18"D
48 VOLTS						
SLT48-10	0-48	0-10	0.01 V	0.1 A	A	3.43"H x 8.45"W x 18"D
SLT48-25	0-48	0-25	0.01 V	0.1 A	A	3.43"H x 8.45"W x 18"D

AC Input Options:
A: 100-240 VAC, 47-63 Hz, 1 Phase

B: 200-240 VAC, 47-63 Hz, 1 Phase

Minimum Suggested Setting: 10% of maximum rated output
Specifications subject to change without notification