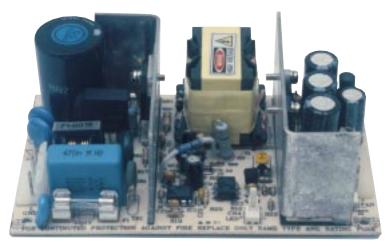


Universal Open Frame Power Supplies

S59 Series 50 and 100 Watt Single and Dual Output Switching Power Supplies



Ideal For External Disk Drives!

Features

- Auto Selecting, Full Range 90 260 VAC Input
- Proven High Reliability Design
- High Efficiency
- Fan and Power "On" LED Output

- UL, CSA, TUV Approved
- On Board EMI/RFI Filtering -Meets FCC Class B
- Reliable MOS-FET Design

For over 25 years, Lien Engineering, Inc. has been producing innovative Power Conversion and Enclosure Products for large and small computers, computer peripherals, medical, communications, and other industrial requirements.

LIEN ENGINEERING, INC.

SPECIFICATIONS

INPUT

INPUT VOLTAGE: 90VAC to 260VAC

47 - 63 Hz

No external jumpers or switching required

INRUSH CURRENT: <30A Peak @ 115VAC

<15A Peak @ 230VAC

INPUT CURRENT: 1A Max RMS @ 115VAC

EFFICIENCY: >75% Typical at full load

EMI FILTER: Meets FCC Class B &

VDE Class A (Class B optional)

OUTPUT

OUTPUT RATING: (Amps)+5VDC @ 0 - 3.0

+12VDC @ 0 - 3.0/5.0pk

"Power ON" LED output: +5VDC with

onboard 270Ω limit resistor

Output connection for fan: +12VDC @

100mA with filter

RIPPLE & NOISE: 1% Peak to peak maximum

of all outputs

ADJUSTMENT RANGE: ±10% Rated output

CROSS REGULATION: ±2% for +5V; ±5% for +12V

NOISE: (mv P-P) 60mV for +5V; 100mV for +12V

HOLD-UP TIME: 12ms Minimum at full load and

115VAC nominal line

LINE REGULATION: 0.5% Maximum

PROTECTION: Foldback @ 105% to 150% of rated

output

Automatic recovery 5.6VDC ±10% for +5V

Continuous short circuit protection

ENVIRONMENTAL

OPERATING TEMPERATURE: 0°C to 55°C STORAGE TEMPERATURE: -40°C to 85°C

THERMAL REGULATION: Forced air required.

MTBF: >100,000 POH at maximum

operating temperature

3.0" x 5.0" x 1.4"

DIMENSIONS:

MODEL	POWER	VOLTAGE	CURRENT
S59P5	50W	5V	10.0A
S59P12	50W	12V	4.0A
S59P15	50W	15V	3.0A
S59P5N5	50W	5V	7.0A
		-5V	3.0A
S59P5P12	50W	5V	2.5A
		12V	3.0A
S59F5	100W	5V	20.0A
S59F12	100W	12V	8.0A
S59F15	100W	15V	6.5A
S59F5N5	100W	5V	16.0A
		-5V	4.0A
S59F5P12	100W	5V	5.0A
		12V	6.0A

