

LSE-9801

15-20 Watt AC Wall Mount Adaptor Series

Main Features

- Universal AC Input from 85-265 Vac
- High efficiency - 80% minimum
- Low temperature rise: less than 20°C on top/bottom surface
- DC output up to 20W (surge 25W) with single output
- Complies with UL, CSA, TUV/GS, NORDIC, Japan Dentori safety standards
- Complies with CE EMC/EMS Standards
- Low leakage current typical $\leq 0.1\text{mA}$
- Tight regulation
- Overvoltage, Overcurrent, short circuit protection
- High M.T.B.F
- Complies with FCC, CISPR22, VCCI EMI Standards
- Small size - 75L x 49W x 42H (mm) 2.95" x 1.93" x 1.61"
- AC socket 2 pins, class II product



Typical applications

- General
- Fast data modems
- Wireless Telephones
- Video / Data / Voice modems
- Floating battery chargers
- Medical Equipment

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Ordering Information

Model No.	Voltage	Current	Tolerance	Po-max	Po-peak
LSE-9801A-12	12	1.25-1.67A	-5%	20W	25W
LSE-9801A-15	15	1.00-1.33A	-5%	20W	25W
LSE-9801B-18	18	0.83-1.11A	-5%	20W	25W
LSE-9801B-20	20	0.75-1.00A	-5%	20W	25W
LSE-9801B-24	24	0.63-0.83A	-5%	20W	25W

Other output voltages such 3.3V, 5V, 6V ect. are available upon customer request

Input

- 85 to 265VAC (wide range)
- Input frequency 47-63Hz
- Input inrush current 25A
- Input reflected ripple per FCC 68 part 15 & VDE 871 class B

Output

- Output voltage and current - See table above
- Line & load regulation - $\pm 3\%$ Max. for 3.3V up to 12 V Output Voltages $\pm 5\%$ Max. for 12V and above Output Voltages
- Ripple - 50mVpp below 6V DC output and 100mVpp over 6V DC output
- Voltage set point - Internal trim-pot $\pm 5\%$
- Hold-up time - 10 mSec minimum at full load
- Isolation - input/output, input/case $> 3750\text{VAC}$
- Protection - output protected against over-load, short-circuit and overvoltage

Environmental

- Operation temperature range 0°C to $+40^{\circ}\text{C}$
- Storage temperature range -20°C to $+85^{\circ}\text{C}$
- Humidity Operation 20-80%
- Humidity Storage 10-90%
- EMI / RFI - Meets EN55022 class B requirements & IEC-1000 requirements
- MTBF - Higher than 200,000 hours
- Safety - EN-60950 UL-1950 and CE mark - VL-60601 for Medical

Mechanical

- Size - 3" x 5" x 1.2"
- Weight - 150g Max.

Outline Drawing

