

LSE-9802

50 Watt AC-DC desktop adapter for modems and laptops

Main Features

- Compact size - 93 x 56 x 31 mm
- High efficiency - free convection cooling
- Wide range input voltage covering worldwide requirements
- Full output protection OCP. SC. OVP
- Meets FCC 15 & EN55022 class B requirements
- Operating temperature range 0 °C to +40 °C with no derating
- Unit supplied with AC cord & DC filtered cable
- TUV, UL & CSA approved



Typical applications

- Fast data modems
- Desktop computers
- Laptop computers
- Video / Data / Voice modems
- Floating battery chargers

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Ordering Information

Model No .	Voltage	Current	R & N	Efficiency
LSE-9802-12	12- 5%	4.25	<300mVP-P@20Mhz	79%
LSE-9802-15	15- 5%	3.5	<300mVP-P@20Mhz	80%
LSE-9802-18	18- 5%	3.0	<300mVP-P@20Mhz	81%
LSE-9802-24	24- 5%	2.2	<300mVP-P@20Mhz	83%

Input

- 90 to 265VAC (wide range)
- Input frequency 47-63Hz
- Input inrush current 40A@ cold start
- Input reflected ripple per FCC part 15 & EN55022 class B
- Input cable 3 poles or 2 poles upon customer's request

Output

- Output voltage and current - See table above
- Voltage regulation - $\pm 2\%$ Max. For load and line variation
- Temperature coefficient - 0.05% / C max.
- Voltage set point - Internal trim-pot $\pm 5\%$
- Hold-up time - 9 mSec minimum at full load including 100V input
- Isolation - input/output, input/case >3000VAC
- Protection - output protected against overload, short-circuit and over-voltage
- Over-temperature protection - optional

Environmental

- Operation temperature range 0°C to +40°C
- Storage temperature range -10°C to +60°C
- EMI / RFI - Meets EN55022 class B requirements & IEC-1000 requirements
- MTBF - Higher than 160,000 hours
- Safety - EN-60950 UL-1950 CSA-22.2 and DENTORI

Mechanical

- Size - 95Lx56Wx31Hmm
- Weight - 200 g. max.
- Cooling - free convection
- Input AC - Two pins or 3 pins AC inlet (cable not included)
- Load connection - UL1185 18# filtered Jack connector