

AL 24 Linear Family

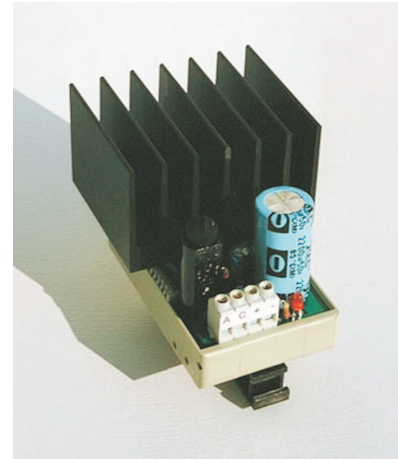
Single Output Linear Power Supply
Extended Range Applications **AL 242**



- 48W Continuous Linear Power Supply
- Diode Bridge Fuse Protection
- short circuit protection
- overload output protection
- Isolated PVC Support for Omega-Din Guide
- EN55022 Conducted Emission level A
- EN55022 Radiated Emission level A
- CE European safety approvals
- 2 Year Warranty

Technical specifications

- Vac input Voltage: 0 to 32V
- Vac input Frequency: 50 ~ 60 Hz
- Iout Max: 2,25A
- Iout Standard: 2A
- Vdc Output regulated: 1.25 to 25.2
- Onboard Adjustable Trimmer Vdc-out
- Vripple at full charge: 2.26mV
- Operative Temperature: -20 / +60
- weight: 240gr
- Dimension: 78mm(H) 90mm (D) 66mm (W)



The AL242 is a 48W universal input AC/DC external Class I power supply. The AL242 represents the next generation of low cost power supplies, suitable for a host of worldwide low power external power applications. The AL242 provides up to 48W under natural convection cooling. Standard features include universal AC input and short circuit protection and meets EN55022 level A for Radiated e Conducted emissions. The AL242 has several output voltages available ranging from 1,2V to 24V.

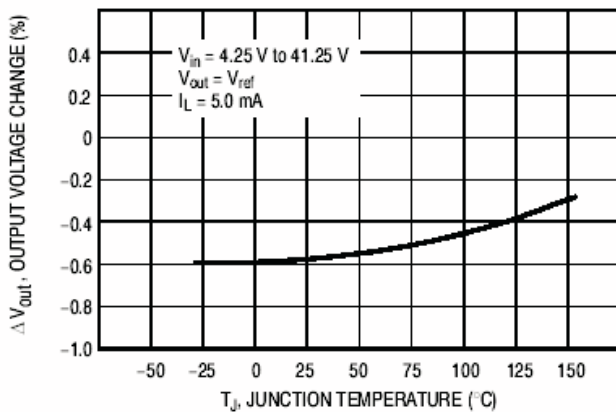


Figure 15. Line Regulation

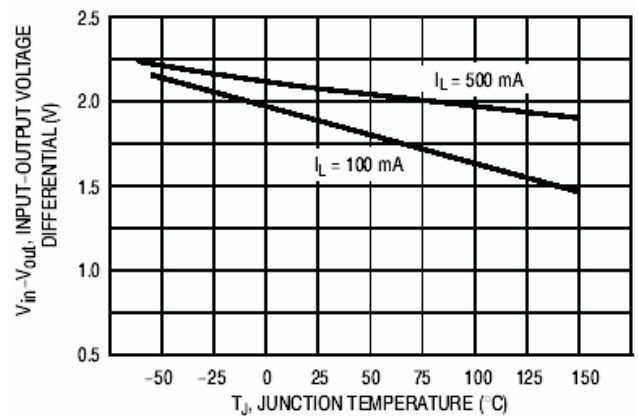


Figure 10. Dropout Voltage

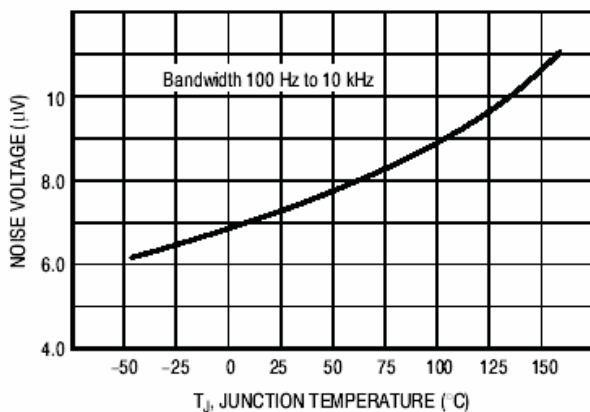


Figure 16. Output Noise

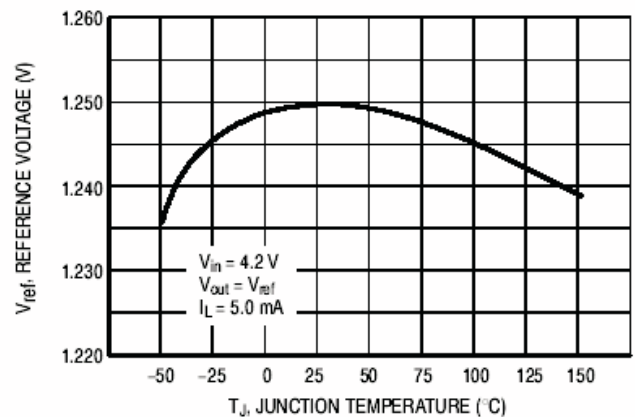


Figure 13. Temperature Stability