



EDA60 SERIES

AC-DC ENCLOSED SWITCHING POWER SUPPLY



FEATURES

- UL / cUL / TUV / CE
- UNIVERSAL INPUT 88~264VAC
- SHORT CIRCUIT PROTECTION
- INTERNAL INPUT FILTER
- 2 YEARS WARRANTY
- HIGH EFFICIENCY UP TO 89%
- HIGH AVERAGE EFFICIENCY
- LOW STANDBY POWER CONSUMPTION



MODEL LIST

| MODEL NO. | INPUT VOLTAGE | OUTPUT WATTAGE | OUTPUT VOLTAGE | OUTPUT CURRENT | EFF. (min.) | EFF. (typ.) | EFF. (avg.) |
|-----------------------------|---------------|----------------|----------------|----------------|-------------|-------------|-------------|
| Single Output Models | | | | | | | |
| EDA60-05 | 88~264 VAC | 45 WATTS | + 5 VDC | 9000 mA | 80% | 82% | 81% |
| EDA60-12 | 88~264 VAC | 60 WATTS | + 12 VDC | 5000 mA | 86% | 88% | 87% |
| EDA60-15 | 88~264 VAC | 60 WATTS | + 15 VDC | 4000 mA | 87% | 89% | 87% |
| EDA60-24 | 88~264 VAC | 60 WATTS | + 24 VDC | 2500 mA | 87% | 89% | 87% |

SPECIFICATION

All Specifications Typical At Nominal Line, Full Load, 25°C Unless Otherwise Noticed

| GENERAL | | | | | | | |
|-------------------------------|----------------------------|-----------------|------|--------|-----------|-------|--|
| Characteristics | Conditions | min. | typ. | max. | unit | | |
| Switching frequency | Vi nom, Io nom | 40 | | 100 | KHz | | |
| Isolation voltage | Input-Output | 3000 / 4242 | | | VAC / VDC | | |
| | Input-FG | 1500 / 2121 | | | VAC / VDC | | |
| Isolation resistance | Input-Output, @ 500VDC | 100 | | | MΩ | | |
| Ambient temperature *I | Operating at Vi nom | -40 | | + 71 | °C | | |
| Derating (see derating curve) | Vi nom, from 61°C to +71°C | | | 2.5 | % / °C | | |
| Storage temperature | Non operational | -40 | | + 85 | °C | | |
| Relative humidity | Vi nom, Io nom | 20 | | 95 | % RH | | |
| Temperature coefficient | Vi nom, Io min | | | ± 0.03 | % / °C | | |
| MTBF | Bellcore Issue 6 @40°C, GB | 5V model | | 570000 | | Hours | |
| | | 12V model | | 588000 | | Hours | |
| | | 15V model | | 602000 | | Hours | |
| | | 24V model | | 615000 | | Hours | |
| Altitude during operation | IEC 60068-2-13 | | | 4850 | m | | |
| Dimension | | L98 x W82 x D35 | | | mm | | |
| Cooling | Free air convection | | | | | | |

* I. It is permissible to be lower than -25°C, but minimum load is 2%