

10 Watts

AEE01,02

Total Power: 10 Watts
Input Voltages: 48V, 24V
No. of Outputs: Single



Electrical Specs

Input

Input range 18 to 36 VDC
36 to 72 VDC

Efficiency 79% typical (5V)

Output

Voltage tolerance $\pm 1.0\%$ ($\pm 2.0\%$ for 3.3V)
Overall regulation $\pm 1\%$ max
Noise/ripple 1% (mV P-P)
Transient response 200 usec typical (50% step load change to within 5%Vo)

Temperature Regulation $\pm 0.02\% \text{Vo}/^\circ\text{C}$

Switching frequency 330kHz

Isolation

I/O isolation 500 VDC
Isolation Resistance 300 Mohms

Special Features

- 10 W, Single output
- 2:1 Input range
- 1.0" x 2.0" x 0.33 case
- Replaces AA10B
- Industry standard package
- Low Profile
- Low Cost

Environmental

Operating base temperature range:

-25°C to +95°C

Storage temperature: -40°C to +105°C

MTBF: 3 Million Hours (Belcore TR332)

Safety

UL UL1950 Recognition

CSA CSA22.2-950 Recognition

TUV EN60950 Recognition

