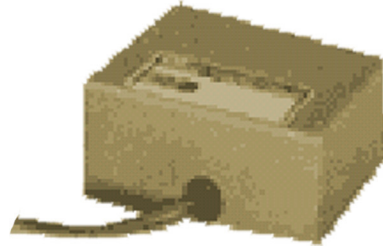


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General

The Eon family of Power Supplies are fully qualified airborne power supplies, capable of providing regulation over all line, load and temperature variations. These supplies have been designed and tested to function over an extreme range of conditions, most specifically in the missile environment.

Electrical Specifications

- *Input Voltage: +28 ± 6 VDC at 1.8 A max.
Overvoltage Protection ± 40 VDC.
Input Noise 10% p-p input current.*
- *Output Voltages: +15 VDC ± 5 %, 500 mA, Max.
-15 VDC ± 5%, 500 mA, Max.
+5 VDC ± 5%, 1 A, Max.*

Output Impedance: 500 Milliohms

Momentary Short Circuit Protection: Provided

Output Ripple: 20 mV Max, p-p

Inverter Transients: 100 mV Max, p-p

Grounds: Input Ground, Output Ground and case are all isolated from each other.

Environmental Tested to the US Navy Specifications: Yes

Environmental Specifications

- *Temperature: Operating –40 deg. C to +71 deg. C
Non-Op –55 deg C to + 85 deg. C*
- *Vibration: 15 G's all axes*
- *Shock: 30 G's for 11 mS all axes*
- *Humidity: 0-95% R.H.*
- *Altitude: 0-100,000 Feet*

Mechanical Specifications

- *Size: 2.4" L x 3.0" W x 1.20" H*
- *Weight 14 ounces*
- *Mounting: 4 each 4-40 tapped holes 2.60" x 1.70" centers.*
- *Case Material: Plated Steel*

