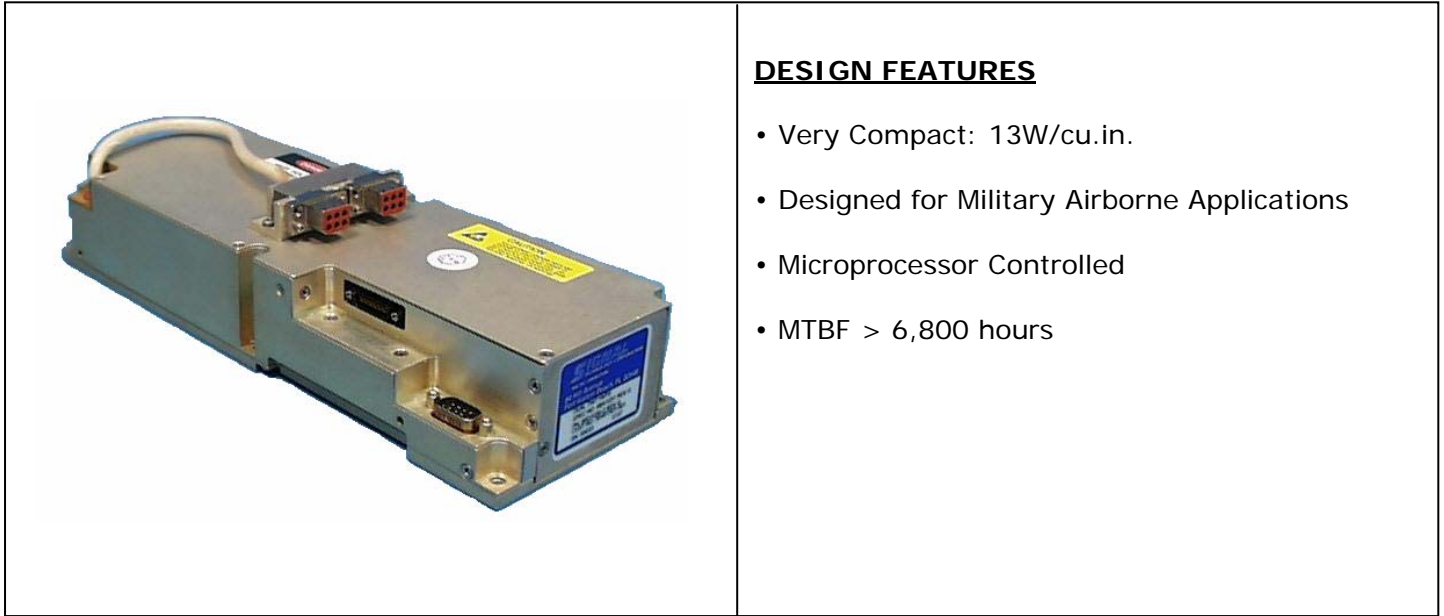


PSH96011 High Voltage Power Supply



DESIGN FEATURES

- Very Compact: 13W/cu.in.
- Designed for Military Airborne Applications
- Microprocessor Controlled
- MTBF > 6,800 hours

Electrical Specifications

Prime Power	115/208 VAC, 400 Hz
Heater Voltage	6.3 ± 0.3 VDC
Heater Current:	
Surge	5.0 Amps
Operate	2.6 Amps
Cathode Voltage	-5000 VDC
Collector 1 Voltage	2500 V wrt K
Collector 2 Voltage	1250 V wrt K
FE Voltage:	
ON State	0 V wrt K
OFF State	750 V wrt K
FE Switch Time	50 ns, max.
Efficiency	85%

Mechanical Characteristics

Length	11.03 in.
Height	1.98 in.
Width.....	3.85 in.
Weight	5.50 lbs.

Environmental Specifications

Operating Temperature	-40 to +87°C
Operating Altitude	50,000 ft.
Reliability.....	>6,800 hours MTBF A _{UF}

Control and Monitoring

Interface	RS485 multidrop
Speed	9600 baud
Protocol	Modified HDCL
Bus Sharing	Up to 64 units