

POWER SUPPLY

HIGH VOLTAGE

DC/DC CONVERTER – AIRBORNE RADAR APPLICATION



Espey developed this power supply for the AN/APN-169 station-keeping radar system for a prime military contractor program. This multiple output, 10 kV, high voltage DC-DC converter module is designed for extreme airborne environmental conditions.

Features:

- Qualified to airborne environment extremes
- Qualified to MIL-E-5400T

Specifications:

ELECTRICAL SPECIFICATIONS

- Input Voltage: 26 Vdc +/- 2 Vdc
- Output Voltage:

+10.0 kV +/- 1%	0 - 100 uAmps
- 1.6 kV +/- 1%	0.6 -2 mAmps
+ 6.3 V +/- 1%	700 mAmps

- Regulation: +/- 2%

MECHANICAL SPECIFICATIONS

- Weight: 3 lbs.
- Size: 5"x5.8"x2.2"
- Sealed case

SE-10K4-PS