

FP550 – 28 Vdc Single Output

- Single fixed outputs
- 170 Watts
- MIL-SPEC compliant
- 28 Vdc input

FP550

Input Power

- 28 Vdc MIL-STD-704E/F
- 18 Vdc to 36 Vdc
- Onboard Input EMI filter
- Overvoltage / undervoltage shutdown
- Limited inrush current



170 Watt Single 8.5 V Output

- 8.5 V, 170 W isolated output
- No minimum load
- Low ripple: 5 mV_{RMS} (typical)
- Low noise: 10 mVp-p (typical)
- Up to 850 mV of remote sense
- Self-resetting overcurrent protection
- Automatic overvoltage shutdown
- Efficiency: 83% (typical)

Environmental

- Conduction cooled
- Operating temperature: -54°C to +85°C
- Storage temperature: -65°C to +105°C
- Airborne: 50,000 ft
- Shock and vibration: RTCA/DO160, Section 7, Category A, Operational

EMI

- MIL-STD-461E CE102, CS101, CS114, CS116, RE101, RE102, RS101, RS103