

928-942 MHz Paging Power Amplifier

General Specifications

928-942 MHz 250 Watts Output Power

- Frequency Range: 928-942 MHz
- Operating Voltage: 110 VAC / 220 VAC
- Current Consumption: 10 A (max) @ 110 VAC
- Duty Cycle: 100%
- Modulation: FM/Constant Envelope
- Spurious & harmonics exceeds FCC requirements
- Input/output Impedance: 50 ohms
- Load VSWR Tolerance: full power, sustained operation 1.5:1 or better, VSWR protected above 2.5:1
- Indicator LEDs: power on, exciter drive, high temp, high VSWR, check fan, high input, low input
- Input/output Connector: type 'N' female
- DB15 includes alarm and status pins, power control, and Form C relay output
- Internal isolator included
- Cooling Method: fan forced air over heat sink
- Operating Temp Range: -30°C to +60°C
- Storage and Transport Temp: -40°C to +70°C
- Humidity: 80% at +40°C (non-condensing)



Power Input/output Range

Model Description	Required Power Input
P25-R2L3-PSx-C8-001	0.2-0.5 W
P25-R5L3-PSx-C8-001	0.5-1 W
P25-1L3-PSx-C8-001	1-2 W
P25-2L3-PSx-C8-001	2-5 W
P25-5L3-PSx-C8-001	5-10 W
P25-10L3-PSx-C8-001	10-20 W
P25-20L3-PSx-C8-001	20-50 W

*x=1 for 110 VAC, x=2 for 220 VAC

- Power Output: 250 Watts, set at factory for all models listed above

Dimensions and Weight

- Dims: 5.25" H x 20" D x 19" W
- Weight: 24.5 lbs.

Optional Features Available

- 220 VAC operating voltage

These are preliminary specifications and are subject to change. Patents applied for.



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