



When a Failure to Communicate is Not an Option[®]

InfoRad[®] Smart IP RF Power Amplifiers

- Compatible with InfoRad TX-200 pocsag paging encoder VHF and UHF
- Model: RF-100-IPPA : 60 Watts or 120 to 130 Watts Output Power at VHF and UHF
- Model: RF-200-IPPA : 200 Watts VHF
- Quick key up response
- Adjustable over entire frequency band without tuning (no sub bands)
- RF input sensors monitoring input – no key up with out RF Input.
- Integrated Digital controller supporting full control and monitoring the 16 sensors and alarms over LAN (SNMP v2c)
- Browser based remote IP control using Ethernet (set or adjust your power remotely)
- Monitors antenna reflection and performance remotely over extended periods
- Automatic shut down on triggered events (adjustable)
- 5 temperature sensors to monitor heat generation internally
- Closed loop control ensuring set output constant (multi environment compensating i.e. component variance, power, temperature, component ageing etc)
- High RF shielding and isolation
- Choice of enclosure 4RU in sub rack or 2RU



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|---------------------------------|---|
| Voltage Input | 12 Volts or 24 Volts DC or 48 volts (optional) |
| Max. DC current | 10 Amps (70W) 19 Amps (120W) |
| Input / Output Power | 2.0W-3.0W / 60W-120W @ 50 Ohm |
| Duty Cycle | 100% |
| Load Mismatch Tolerance | Full Power at 100% reflection with circulator (Optional circulator) |
| Spurious & Harmonics | Meets ACMA , FCC & IC |
| Input/Output Connector | Type `N` Female (50 Ohms) |
| Cooling Method | Fan Cooled |
| Operating Temp. Range | -30°C to +60°C |
| Humidity | 80% at +40°C (non-condensing) |
| Vertical Mounting | 4 RU in RFT Subrack or 2 RU |
| Horizontal Mounting | 4 units or 2 units in 2 RU |

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