

SPECIFICATIONS

Specification	Value
Frequency Bandwidth	30 kHz–535 kHz
Input Impedance	Settable 50 Ω (normal setting) or 5k Ω
Output Impedance	50 Ω
Maximum RF Power Input	10 W (+40 dBm or 22.4 V, 50 Ω reference)
Recommended RF Power Input	5 W (+37 dBm or 15.8 V, 50 Ω reference)
Minimum RF Power Input (to get 50 W output)	2 W (+33 dBm or 10 V, 50 Ω reference)
Maximum Power Output	50 W continuous single frequency into 50 Ω load (+47 dBm or 50 V, 50 Ω reference) *
Harmonic & Spurious Noise Output	50 dB below 50 W fundamental *
Standard Compliance	Meets relevant specifications: IEEE C93.5 & IEEE 1613
Alarm Relay Contact Rating	15 ms max operate time, 1 A max make/carry, 0.25 A max interrupt at 250 Vdc
50Ω Dummy Load (Testing & Setup)	80 W Continuous, 100 W for 2 Minute
Ambient Temperature Range	-20 to 60° C

* 50W is replaced by 100W (+50 dBm) when two units are combined to give 100W output with a built-in combiner board inside one of the two units. Inputs of the 2 units are paralleled in this case with one set for 50 Ω and the other for 5K Ω input impedance.



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