The **NJD Technologies 630-meter Amplifier** provides 95-105 watts of filtered RF power at an efficiency typically greater than 85% running 24 - 28 Volts at up to 5 Amps with just 1 milliwatt of drive. Inspired by Rog, GW3UEP, this amplifier gives the operator the edge when using non-linear modes like WSPR, CW, MSK, MFSK, RTTY, Pactor, Olivia, WSJT-2, Domino-EX, JT9 and many others that use a constant amplitude and phase.

In a practical sense, there is only so much that the typical amateur can do to improve their antenna on a band where a quarter wavelength is nearly 500-foot long. As with any weak signal work, when operating near the detection limit, every watt counts. An additional 6-8 db can mean the difference between completing a difficult QSO and having the other station CQ in your face.

**Specifications**

**INPUT:** 1 milliwatt sine wave or 12-Volts peak-to-peak square wave, 460 – 490 kHz

**OUTPUT:** 95-105 Watts into a 50 ohm resistive load

**EFFICIENCY:** Nominally greater than 85%

**DC INPUT:** 24 – 28 Volts at 5-Amps maximum

**HARMONICS:** minimum 50 dB below fundamental

**MODES:** constant amplitude and phase modes (non-linear)

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**PRICE:** $173 (includes tax) plus $12.65 shipping in US (medium flat rate) plus applicable Paypal fees. International customers, contact me for a shipping/customs quote.

**To Order:** Contact John at j@njdtechnologies.net