

FOR IMMEDIATE RELEASE

Multimode 1 to 2.5 GHz, 2kW GaN HPA



Empower RF's model 2180 is a 2000W 1GHz to 2.5GHz GaN on SiC CW amplifier with breakthrough power density. It's Multimode capabilities include AGC, ALC, MGC as well as selectable modulation modes that ease system integration. It's operating mode versatility and linear performance has the model in use for Satcom Uplink, GPS Jamming, Cyber/EW, Effects Testing, and Directed Energy research. Pulse mode with blanking is included.

With unrivaled size, weight, and power the 2180 offers easier maneuverability in lab environments or tactical deployments.

Additional features include:

- ✓ Fast electronic VSWR protection providing safe and reliable operation during adverse load conditions.
- ✓ Monitoring and Control user interfaces include a Web browser, TCP/IP Ethernet, RS-485 interface and a front panel touchscreen display. No software required.
- ✓ Optional Filter/Switches for improved harmonic rejection can be specified.
- ✓ Self-Protection and Diagnostics throughout the system include currents, voltages, forward and reverse power, temperature and VSWR.

Learn More About This Product:

https://www.empowerrf.com/products/display_amplifier.php?sku=2180

Download datasheet:

https://www.empowerrf.com/datasheet/Empower_RF_Amplifier_2180.pdf

Complete Empower RF Amplifiers lineup:

http://www.empowerrf.com/products/rf_power_amplifier.php



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Empower RF Systems is the technology leader in high power amplifier solutions for reliable communications, defense, and industrial applications. Our products incorporate the latest semiconductor and power combining technologies and originate from an extensive library of “building block” designs. Solutions range from basic modules to multifunction PA assemblies with embedded real time microprocessor control.

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