

FOR IMMEDIATE RELEASE

C-UAS Module

Model 1211

Empower RF Systems is proud to announce the release of its latest C-UAS RF amplifier module, Model 1211, engineered for robust performance in demanding military and defense applications. Operating across 500 to 2500 MHz frequency range the Model 1211 guarantees a minimum of 100 watts of output power while typically delivering up to 125 watts. With efficient class AB GaN on SiC design, the

1211 supports CW, AM, FM, and pulse signals while maintaining high reliability, low harmonics, and ruggedness under extreme conditions. For complete 20 to 6000MHz coverage, this module can be partnered with the 1193 and 1212 modules. Each in the same form factor with a common digital interface.

Model 1211 also features built-in control, performance monitoring, and protection functions such as over-temperature, over-voltage, reverse polarity, and over-current safeguards, ensuring continuous high availability even in harsh environments. A robust RS485 serial interface facilitates comprehensive system integration and remote management, while its lightweight build and compact form factor—measuring just 7.0 x 4.0 x 1.1 inches and weighing 1.5 pounds—make it ideal for mobile deployment.

Learn More About This Product:

https://www.empowerrf.com/products/display_amplifier.php?sku=1211

Download datasheet:

https://www.empowerrf.com/datasheet/Empower_RF_Amplifier_1211.pdf

RF Modules for Counter UAS:

<https://www.empowerrf.com/amplifier-notes/modules-counter-UAS.php>

Complete Empower RF Amplifiers lineup:

https://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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