RF Generator

High Power Output · Precise · Stable & Reliable

Introduction

The RF Generator features advanced Class D/Class E LDMOS technology, combining high precision, high-power output, and intelligent monitoring. The built-in VI Sensor provides real-time monitoring of forward/reverse power and VSWR. Covering frequencies from 2 MHz to 2.45 GHz and output power up to 30 kW CW, it is widely used in wireless power transfer, industrial heating, ion etching, and vacuum coating.

Stable Output	Ultra-High Output Power:	High Conversion Efficiency	Durable Design
Freq ±5% Adjustable	30 kW Max.	Over 75%	Industrial-Grade Reliability

Features

- Frequency Range: Center Frequency ±5% Adjustable (All Models)
- Stable CW Output, Up to 30 kW
- High Efficiency: Up to 75%
- Built-in VI Sensor for Forward/Reverse Power, VSWR & Impedance Monitoring
- Protection: Over-voltage, Over-current, Over-temperature & Over-VSWR
- Remote Communication Supported

Typical Model List (Customizable)

Model No.	Frequency	Max Output Power	Connector
ETSG1356M	13.56MHz±5%	30 kW	3-1/8"
ETSG2712M	27.12MHz±5%	30 kW	3-1/8"
ETSG4068M	40.58MHz±5%	30 kW	WR159
ETSG2450M	2.45GHz±5%	20 kW	WR159

Max Output Power

30 kW

Frequency

±5% Adjustable

Applications

Radar & Electronic Warfare

Communications System Testing

Plasma Excitation

High-Energy Physics Research

Satellite & Aerospace