

High Power Signal Generator

Wideband & High Power · CW/Pulse/Analog Modulation
High-Precision Frequency & Power Adjustment



Introduction

The High-Power Signal Generator features a highly linear RF output architecture, delivering wide bandwidth, high power, and high precision, with output power up to 1 kW. It meets the signal excitation, testing, and validation requirements of high-power RF systems.

The product series covers frequencies from 4 kHz to 40 GHz, with up to 1 kW continuous-wave output, and is widely used for passive component testing, RF chip testing, antenna testing, and more.

			
Frequency Range: 4kHz-40GHz	Max Output Power: 1kW Max.	High Dynamic Range Adjustable Range ≥ 120 dB	Durable Design Industrial-Grade Reliability

Features

- High-Power Output: Up to 1 kW CW
- Wide Frequency Range: 4 kHz–40 GHz (All Models)
- High-Precision Output: Power Accuracy ≤ 0.3 dB Typ.
- Supports CW, Pulse & Analog Modulation Signals
- Integrated Design: No Need for Multiple Instruments
- Remote Communication Supported

Typical Model List (Customizable)

Model No.	Frequency	Max Output Power	Connector
ETSG4K400M-200	4kHz - 400MHz	200 W	N-F
ETSG380M6G-1K	380MHz - 6GHz	1 kW	7/16
ETSG380M18G-100	380MHz - 18GHz	100 W	N-F
ETSG380M40G-20	380MHz - 40GHz	20 W	2.92-F

Max Output Power

1 kW

Frequency Range

4 kHz - 40 GHz

Applications



Radar & Electronic Warfare



Communications System Testing



Plasma Excitation



High-Energy Physics Research



Satellite & Aerospace