

# 1kW & 3kW 13.56MHz RF Power Generator

## High Efficiency and High Power RF Generator

This new high-efficiency RF power generator developed by PTS is unique in comparison with the conventional generators. Our engineers have dramatically improved the reliability and durability of the RF amplifier stage. The conventional high-efficiency RF amplifiers are structurally vulnerable to the reflected power. This is not the case for the PTS generators thanks to the innovative design of their high-efficiency amplifier stage. The PTS products are able to withstand a sudden and large change of the load impedance. They also tolerate a high level of reflected power caused by short circuits. Combined with others protection circuits the PTS generators offer superior product performance and stability.



### Compact Design

As small as 1/2 size of JIS rack. (480W has space for 2 units)

### High stability and reliability

Stable RF output for plasma load.

### Safety Design

IEC6101-01 observance

### Customization

Rich options : RF Pulse output, External Serial Interface, Digital Interface, accept customized specifications matched to the RF load.

MODEL	PG0113-AX	PG0313-AX
Power (Cooling)	1kW (Air-Cooled)	3kW (Water-cooled)
Frequency	13.56MHz	
RF Output Accuracy	±2% (Output Power range 5 to 100%)	
RF Power Range	2 - 100%	
Impedance	50 ~ 52Ω	
RF Power Line	Coaxial Cable	