

# RF Systems



TDK products include a broad family of advanced RF Generators and RF Matching networks, for semiconductor, vacuum, and industrial PECVD, PVD, Etch, and light plasma cleaning applications.

## Features

- Power levels from 300W to 10kW
- Frequencies from 2MHz to 60MHz
- Air and water cooled models
- Matching Networks and RF Generators communicate via Q-Link for challenging variable frequency and pulsing applications
- Advanced tuning algorithms
- Custom and standard designs including packaging

## Frequency and power levels offerings for RFG and Matches:



Semi-Fab



Industrial



	2/3.2MHz	13MHz	27MHz	40MHz	60MHz	Dual Output
1/2 Rack Air Cooled	100W	●	●	●	●	
	300W	●	●	●	●	
	600W	●	●	●	●	●
	1kW	●	●	●		
	1.5kW	●	●			●
Full Rack Water Cooled	3kW		●		●	●
	5kW		●	●		
	10kW	●	●	●		

● Released

● Under Development

The chart represents current portfolio, empty cells are open for discussion on new business opportunities

- RF Controls designed for:
  - High Accuracy
  - High Repeatability
  - High Precision
- Auto frequency tuning
- High speed pulsing with synchronization output/input
- Multiple AC input levels
- Full control via touchscreen front panel

### Active Front Panel:

- Brilliant touch screen (TFT)
- Read critical values at a glance
- Full access to key parameters
- Intuitive menu
- Full match monitoring and control

EtherCAT®