

RF Power Supply Catalog 2025



 **Skylink Microwave**

Company Address: 5th floor, 2nd Tower, Huari Building, Wuke West 5th Ave. Chengdu, China

About Skylink Microwave

Since the inception in 2015, Chengdu Skylink Intellitech Co., Ltd. is based in Chengdu China. Skylink has been served as a leading supplier in RF & microwave power supplies market.

Our company specializes in the research and development and production of RF power supplies and matching products, which are widely used in semiconductor process equipment, plasma etching, plasma cleaning, plasma generation, PECVD/CVD/PVD, thin film deposition, RF sputtering, medical cosmetology, scientific research and other aspects. Operating frequency range from 2MHz to 40.68MHz, Output power range from 300W to 6KW.

We have a strict quality management system and have passed ISO9001 certification that demonstrate our focus on delivering exceptional quality, reliability and performance for our customers.



Application

Application field:

- Photovoltaic industry
- flat panel display industry
- Semiconductor-industry
- chemical industry
- Laboratory
- scientific research
- manufacturing industry

Applicable technology:

- Plasma enhanced chemical vapor deposition (PECVD)
- Plasma-etching
- plasma cleaning
- RF ion source
- plasma diffusion
- plasma polymerization sputtering
- reactive sputtering

Whatsapp: +86-13541299585

E-mail: celia.yao@te-micro.com

Web: www.te-micro.com

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Features

- Half-brick and rack mount styles
- Adopt full digital control, with convenient and rich operation menu
- Frequency tuning, pulse and pulse synchronization functions
- With CEX phase synchronization function
- Perfect protection function

Model Definition

Specification Parameter

Input	Input voltage	AC220V±10% 3ΦAC380V±5%(Special specifications can be customized)
	input frequency	47~63Hz
Output	Output frequency	13.56MHz、27.12MHz、40.68MHz
	Output power	1.5~5kW
	Output power regulation range	1~100%
	Output impedance	50Ω+j0
	Output interface	type N
	Output mode	continuous, pulse
	Pulse frequency	100Hz~100kHz
	Duty cycle	5~95%
Performance Index	Power factor	0.98
	Frequency stabilityaccuracy	±0.005%
	Efficiency	75% (at rated output)
	Harmonic	<-45dBc
	Stray	<-50dBc
	External controlinterface	analog quantity, communication and synchronization
	Communication mode	Standard RS485 communication interface; Optional Ether CAT, industrial Ethernet, etc.

Note: the product continues to innovate and the performance continues to improve. This parameter description is for reference only.



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