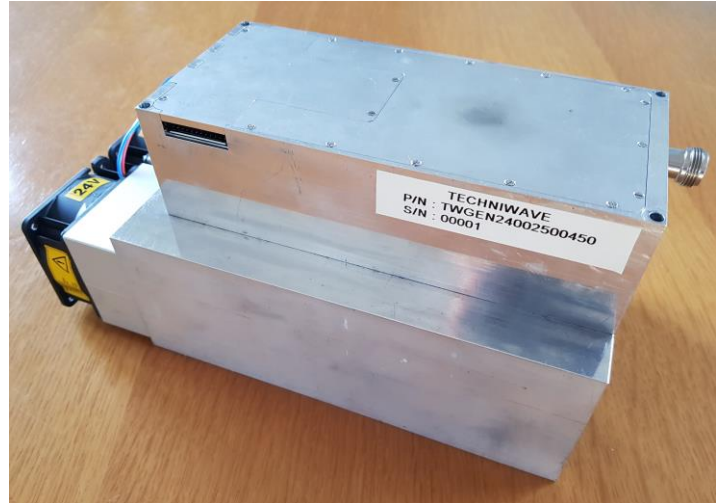


450 Watt Solid State Microwave Generator P/N TWGEN24002500450

Main Features

- 2400 – 2500 MHz
- 0 - 450 Watt CW Output Power
- 100% Solid State technology
- Output Connector : N female
- Single 32 V power supply
- Compact, Lightweight
- User friendly control Interface



Typical Applications

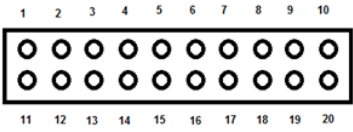
- Wireless telecom systems
- RF Energy
- Plasma generation
- Microwave Chemistry
- Solid State Cooking, ...

Electrical Specifications		
Parameter	Unit	Specification
Frequency Range	MHz	2400 - 2500
Output Power	W	450 CW
Power Supply	V	32
Power Efficiency	%	50
Output Power Measurement		Real Time
Reflected Power Measurement		Real Time

Environmental Specifications		
Parameter	Unit	Specification
Operating temperature range	°C	-20 to + 60
Storage Temperature range	°C	-40 to +85

Technical Specifications	
Parameter	Specification
Output RF Isolation	Built-in circulator with integrated dummy load
Technology	Fully solid state: LDMOS driver and power stage
GUI	Available
Control and Monitoring	Screen, serial interface, Ethernet
Cooling Option	Forced air heatsink or Liquid cold plate
External I/O	20 available Logic Inputs or Outputs

Mechanical Specifications		
Parameter	Unit	Specification
Dimensions	mm	186 * 82.8 * 51.6
RF connectors		50 Ohm N - Female
Material		Aluminum

Control Port Pinout	
	<p>1 to 8 : Input or output (0-5V) 11 to 18 : Input or output (0-5V) 9 and 19 : Input sensor temperature control 10 and 20 : Input contact read</p>

Outline Drawing

All dimensions are in mm

