

# Solid State Microwave Generator 2400..2500 MHz, 250 W, Aircooled

## FM - SGK30A0CG0



### Features



- Designed for industry heating process application
- Frequency band 2400..2500 MHz
- Maximum 250 Watts output power
- 10 Watts - 250 Watts setting range
- Flexible signal generator with CW or Pulse
- Output load VSWR Protection
- High efficiency air cooling mechanical design

### Specification

#### Electrical and Technical Data

Frequency band	2400..2500 MHz
Maximum output power	250 W 54 dBm
Efficiency	≥ 54 %
Power setting range	20 - 250 W 1 W-steps
Frequency setting range	2400..2500 MHz 0.1 MHz-steps
Pulse frequency	1 - 20 kHz
Duty cycle	20 - 100 %
Pulse rise time	≤ 200 ns
Pulse fall time	≤ 200 ns
Power supply SG/PA	32 V <sub>DC</sub>
Maximum power consumption	max. 1200 W

#### Environmental

Environment temperature	+ 10° to + 55° C
MTBF	≥ 100000 h

#### Mechanical Data

Dimensions without connector (WxHxD)	90 x 105 x 220 mm
Weight	2.2 kg

