

MICROWAVE GENERATOR

GENSRL100.0

100KW/915MHZ



FEATURES:

- Continuous power control (10-100%)
- High Efficiency
- Output Power Stability 0.1%
- Output Power Ripple < 3%
- Frequency 915MHz +/- 5MHz
(also available 896 or 922MHz)
- Internal Circulator with water load
- Quartz Window at waveguide output
- 2 x Arc Detector; one in launching section, one on circulator
- Completely sealed enclosure
(no outside air introduced)
- Multiple heat exchangers for cabinet cooling

SPECIFICATIONS:

- High frequency power output 100KW
- Adjustable from 10000W to 100000W
- Mains: 480V/3-phase/170A/60Hz
(all other mains voltages available)
- Cooling: Internally air & water cooled;
70 l/min @ 6bar and 20°C
Ambient requirement: 20°C ± 10°C,
Non-condensing
- Interlocks: 2 x safety interlock lines
provided for external use; 2 x safety
interlocks integral to generator
- Rittal switch cabinets; 2 x PS 4628.600
and 2 x PS 4828.600, IP55 (NEMA 12)
- Dimensions: 2800mm W x 2200mm H x
800mm D.
- PLC Standard interface
- Optional interfaces: CAN, RS232,
Profibus

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