

# MICROWAVE GENERATOR MG100KI-501DL

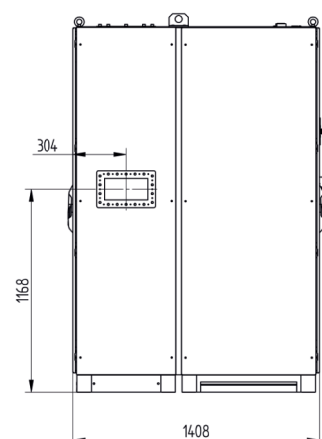
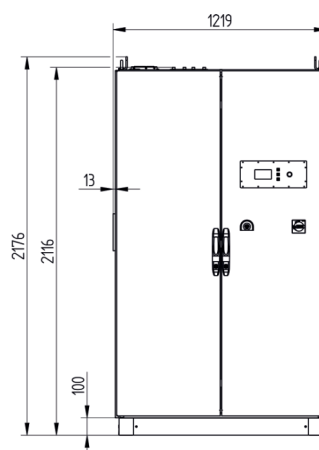
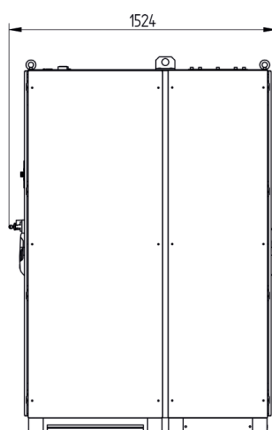
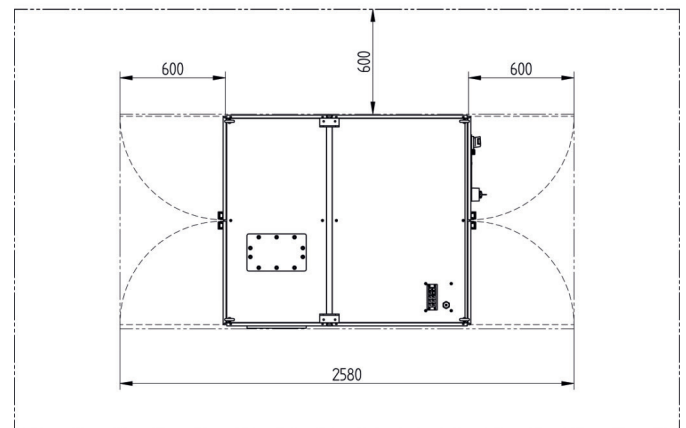
INDUSTRIAL MICROWAVE GENERATOR



## Features

- Microwave generator 100000 W
- Pulseable to - Hz
- Mains voltage: 400 V AC / 3~ (L1 / L2 / L3 / PE)
- Type of cooling: Water
- Microwave output: WR 975
- Highly efficient
- Low interference emissions / high interference immunity
- Overvoltage and overcurrent protection, protection against idle running, overload and short circuit
- Stabilised output power
- Interfaces: CAN-Bus and A/D
- Integrated ARC evaluation
- Human-machine interface (MMI): Control unit

## Outline Dimensions (mm)



## Specifications

<b>Mains voltage</b>	400 V AC, 3~ (L1 / L2 / L3 / PE), 50 Hz, 175 A
<b>HF-output power</b>	100000 W cw max.
<b>Frequency</b>	915 MHz $\pm$ 20 MHz
<b>HF output size</b>	WR 975
<b>Magnetron</b>	100000 W @ 915 MHz

<b>Interface</b>	CAN-Bus, A/D
<b>Dimensions</b>	Width: 1219 (47,99) mm (inch) Height: 2176 (85,67) mm (inch) Depth: 1524 (60) mm (inch)
<b>Conditions</b>	in operation: 5 °C (41 °F) – 40 °C (104 °F), Relative humidity 80% to 30 °C (86 °F), Above this linearly reduced to 50 %, Non-condensing, 3K3
<b>Cooling</b>	Water: $\geq$ 88 (23,25) l/min (US gal/min), $\leq$ 7 (101,53) bar (psi) @ 20 - 25 (68 - 77) °C (°F)
<b>Weight</b>	Approx: 1861 (4102,80) kg (lbs)

## Recommended system components

- MS-series power supply, e.g. MS100KE-512DE
- Circulator e.g. MW1001B-260CC
- Water load e.g. MW1018E-230CD