

Industrial Microwave +
Plasma Systems

MUEGGE

MW-Power Supply MX6000D-110KL

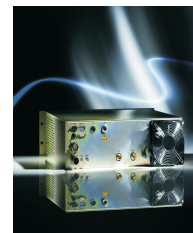
Switch Mode Microwave Power Supply, MX-Series

Features:

- Switch mode power supply
- Single power supply
- Suitable for 6 kW cw HF-output-power
- Continuous power control
- High efficiency
- Compact Design
- Low Weight
- Low RFI / EMI
- Air- and water-cooled
- Over voltage, over current protection, idling-, overload- and short circuit proof
- Constant power operation
- Prepared for operation with magnetron head 6 kW / 2450 MHz
- Operation with magnetron types E3327 / PM60-M10WJRK

Options:

- Pulse operation up to 500 Hz
- Remote control panel
- Ignition pulse 50 ms full power
- Low ripple <5 % (rms)
- System status indicator



MW-Power Supply MX6000D-110KL

Industrial Microwave +
Plasma Systems



Outline Dimensions (mm):

Specifications:

INPUT VOLTAGE :	380 V - 480 V AC 3 ph 50 / 60 Hz	ASSEMBLY :	Fully enclosed aluminum housing, Solid encapsulated assembly
CONTROL VOLTAGE:	230 V AC 1 ph 50 / 60 Hz	DIMENSIONS:	19" Rack mount, 545 mm total length, 3 units (133,35 mm) height
For MW-OUTPUT POWER:	6 kW cw	CONDITIONS:	Ambient-Temp.: 5 °C – 45 °C non-condensing, T max. = 45 °C < 3 h/d, Humidity: 80 % @ 30 °C, subsequently linearly reduced to 50 % @ 45 °C, Cooling water 20 °C ... 25 °C (inlet temp.)
EFFICIENCY:	approx. 90 % at full output power	COOLING:	internally air cooled and water cooled 4 l/min, 4 bar @ 20 °C – 25 °C
PULSEABLE:	up-to 500 Hz	CONNECTIONS :	9-pin Sub-D m (INTERFACE) 10 mm hose sleeves (COOLING) connector (MAINS / HEAD) connector (HV-OUTPUT) Stud M6 (GROUND / PE)
INTERFACE:	CAN (layer 2)	WEIGHT:	approx. 24 kg

Recommended system components:

- MH-series Magnetron Head e.g. MH6000S-210BF or MH6000S-211CA
- Magnetron types E3327 / PM60-M10WJR
- Isolator 6 kW e.g. MW1006A-210EC