



# TruPlasma RF Series 1000 / 3000 (G2/13)

Technical data



**TruPlasma RF 1002****TruPlasma RF 1003****TruPlasma RF 3006****RF OUTPUT**

OUTPUT POWER	2 kW	3 kW	6 kW
RATED OUTPUT	2 kW	3 kW	6 kW
NOMINAL LOAD IMPEDANCE	50 Ω	50 Ω	50 Ω
OUTPUT FREQUENCY	13.56 MHz	13.56 MHz	13.56 MHz

**NETWORK CONNECTION DATA**

LINE VOLTAGE	200 - 480 V	200 - 480 V	200 - 480 V
LINE FREQUENCY	50-60 Hz	50-60 Hz	50-60 Hz
NETWORK INPUT POWER	3.1 kVA	4.3 kVA	7.9 kVA
POWER FACTOR	0.95	0.95	0.95

**COMMUNICATION INTERFACES**

SYNC INTERFACES	Yes	Yes	Yes
ANALOG/DIGITAL	Yes	Yes	Yes
RS 232 / RS 485	Yes	Yes	Yes
PROFIBUS	Yes	Yes	Yes
ETHERCAT	Yes	Yes	Yes
DEVICENET	Yes	Yes	Yes

**HOUSING**

WEIGHT	18 kg	18 kg	38 kg
IP PROTECTION CLASS	30	30	30

**COOLING REQUIREMENTS**

MAX. WATER PRESSURE	7 bar	7 bar	7 bar
MIN. PRESSURE DIFFERENTIAL	1.1 bar	1.1 bar	1.1 bar
MIN. FLOW RATE	4 l/min	4 l/min	8 l/min
COOLANT TEMPERATURE	5 °C - 35 °C <sup>1</sup>	5 °C - 35 °C <sup>1</sup>	5 °C - 35 °C <sup>1</sup>

**GENERAL**

OVERALL EFFICIENCY	80 %	80 %	80 %
CERTIFICATES / STANDARDS	SEMI S2, SEMI F47, UL, CSA, CE, RoHs	SEMI S2, SEMI F47, UL, CSA, CE, RoHs	SEMI S2, SEMI F47, UL, CSA, CE, RoHs

**AMBIENT CONDITIONS**

OUTSIDE TEMPERATURE	5 °C - 40 °C	5 °C - 40 °C	5 °C - 40 °C
HUMIDITY	5 % - 85 %	5 % - 85 %	5 % - 85 %
BAROMETRIC PRESSURE	79.5 kPa - 106 kPa	79.5 kPa - 106 kPa	79.5 kPa - 106 kPa

Subject to changes. The details in our offer and order confirmation are definitive.

## Footnotes

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1 — The cooling water temperature must exceed the dew point of the room air temperature to ensure no condensation.