

TRUMPF



TruPlasma RF Series 1000 / 3000 (G2/13)

Technical data

TRUMPF



**TruPlasma RF
1000-2/13****TruPlasma RF
1000-3/13****RF OUTPUT**

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

NETWORK CONNECTION DATA

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

COMMUNICATION INTERFACES

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

HOUSING

WEIGHT	18 kg	18 kg
IP PROTECTION CLASS	30	30

COOLING REQUIREMENTS

MAXIMUM WATER PRESSURE	7 bar	7 bar
MINIMUM PRESSURE DIFFERENCE	1.1 bar	1.1 bar
MINIMUM FLOW RATE	4 l/min	4 l/min
COOLANT TEMPERATURE	5 °C - 35 °C ¹	5 °C - 35 °C ¹

GENERAL

OVERALL EFFICIENCY	80 %	80 %
CERTIFICATES / STANDARDS	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
HUMIDITY	5 % - 85 %	5 % - 85 %
BAROMETRIC PRESSURE	79.5 kPa - 106 kPa	79.5 kPa - 106 kPa

Subject to changes. The information in our offer and our order confirmation is definitive.

Footnotes

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