



# TruPlasma VHF Series 3000

Technical data



# TruPlasma VHF 3005

## RF OUTPUT

OUTPUT POWER	5 kW
RATED POWER	5 kW
NOMINAL LOAD IMPEDANCE	50 $\Omega$
OUTPUT FREQUENCY	40.68 MHz

## NETWORK CONNECTION DATA

LINE VOLTAGE	200 - 480 V
LINE FREQUENCY	50-60 Hz
LINE INPUT POWER	18 kVA
POWER FACTOR	0.95

## COMMUNICATION INTERFACES

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

## HOUSING

WEIGHT	55 kg
IP PROTECTION CLASS	30

## COOLING REQUIREMENTS

MAXIMUM WATER PRESSURE	7 bar
MINIMUM PRESSURE DIFFERENCE	2 bar
MINIMUM FLOW RATE	8 l/min
COOLANT TEMPERATURE	5 °C - 35 °C <sup>1</sup>

## GENERAL

OVERALL EFFICIENCY	75 %
CERTIFICATES / STANDARDS	SEMI S2, SEMI F47, UL, CE, RoHs

## AMBIENT CONDITIONS

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

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