



# TruPlasma Bias Series 4000

Technical data



**TruPlasma Bias 4012****TruPlasma Bias 4018****TruPlasma Bias 4026****OUTPUT**

RATED OUTPUT	12 kW	18 kW	26 kW
MAXIMUM OUTPUT CURRENT	40 A eff	60 A eff	87 A eff
MAXIMUM OUTPUT VOLTAGE	1200 V eff	1200 V eff	1200 V eff
NOMINAL OPERATING FREQUENCY	0 kHz - 100 kHz	0 kHz - 100 kHz	0 kHz - 100 kHz

**ARC PARAMETER**

MAXIMUM ARC RATE	50 1/s	50 1/s	50 1/s
ARC TREATMENT TIME	<0.5 $\mu$ s	<0.5 $\mu$ s	<0.5 $\mu$ s

**NETWORK CONNECTION DATA**

LINE VOLTAGE	3x 360 V - 440 V	3x 360 V - 440 V	3x 360 V - 440 V
LINE FREQUENCY	50 Hz - 60 Hz	50 Hz - 60 Hz	50 Hz - 60 Hz

**COMMUNICATION INTERFACES**

ANALOG/DIGITAL	Yes	Yes	Yes
RS 232 / RS 485	-	Yes	-
PROFIBUS	Yes	-	Yes
ETHERCAT	No	No	No

**HOUSING**

WEIGHT	70 kg	70 kg	71 kg
IP PROTECTION CLASS	IP 20	IP 20	IP 20

**COOLING REQUIREMENTS**

COOLANT	Air	Air	Air
COOLANT TEMPERATURE	5 °C - 35 °C	5 °C - 35 °C	5 °C - 35 °C

**GENERAL**

OVERALL EFFICIENCY	90 %	90 %	90 %
CERTIFICATES / STANDARDS	CE	CE	CE

**AMBIENT CONDITIONS**

OUTSIDE TEMPERATURE	5 °C - 35 °C	5 °C - 35 °C	5 °C - 35 °C
HUMIDITY	5 % - 85 %	5 % - 85 %	5 % - 85 %
BAROMETRIC PRESSURE	860 kPa - 1060 kPa	860 kPa - 1060 kPa	860 kPa - 1060 kPa

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