



NOVATIG 203 DC - NOVATIG 203 DC PULSE PFC NOVATIG 203 AC/DC PFC

NOVATIG
203 DCNOVATIG
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PULSE
PFCNOVATIG
203
AC/DC
PFC

Main features

HF mode (high frequency)

- Arc start system with HF to provide an easy start of the welding process.

Ramp up/down and Post Gas

- Adjustment of the current ramp up/down time and of the Post Gas time.

Extra function

- Automatic ARC FORCE, HOT START and anti-bonding adjustment for greater control and practicality during MMA welding.

2/4 Torch times Trigger Control

- This button is used to control the up and down ramp of the welding current.

Digital Display

- A 7-segment digital display showing the welding current to obtain a precise adjustment of the parameter.

Protections

- Provided with temperature sensors to protect the INVERTER.
- Provided with sensors that guarantee the limitation of the MAX welding current.

Weight

- The weight is reduced to a minimum, making the generator versatile and portable.

Compatibility with Power Generators

- Thanks to the ability of adapting to voltage fluctuations it is possible to connect to a power generator unit.

Single-phase TIG

The **NOVATIG 203** series power sources are designed with INVERTER technology of last generation. Simple but robust they are equipped with all modern devices that allow you to simplify welding operations.

They offer the possibility to use the mode TIG with high frequency ignition or LIFT-Arc with up / down ramp adjustment.

The range boasts 3 models including the base **NOVATIG 203 DC**, **NOVATIG 203 DC Pulse PFC** with pulsed mode and PFC and **NOVATIG 203 AC/DC PFC** with pulsed and **TIG AC/DC modes**. The last 2 models are distinguished for the characteristic of being Multivoltage, connectable to both 110 and 230 V.

Thanks to the ability to adapt to sudden changes of voltage it is possible to power them with a generator.

- INVERTER TECHNOLOGY
- ENERGY SAVING
- DIGITAL INSTRUMENTATION AS STANDARD
- PEDAL CONTROL SET-UP
- ADJUSTABLE SLOPE UP AND SLOPE DOWN
- 2 - 4 STROKE SELECTION
- TIG DC - MMA SELECTION
- LIFTARC OR HF INITIATION SELECTION
- TIG AC / DC SELECTION
- PULSED MODE
- DOUBLE VOLTAGE OF USE
- ADJUSTABLE PRE GAS AND POST GAS
- ADJUSTABLE HOT START
- SPOT FUNCTION
- COUPLING WITH MOTORGENERATOR

- Structural steelwork • Building
- Repair & maintenance • Civil engineering
- Naval engineering • Power plants
- Transportation



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Technical data

Description	NOVATIG 203 DC	NOVATIG 203 DC Pulse PFC	NOVATIG 203 AC/DC PFC		
Power supply, single phase	230V - 50/60 Hz	230V - 50/60 Hz	110V - 50/60 Hz	230V - 50/60 Hz	110V - 50/60 Hz
MAX current	43 A	32 A	39 A	21 A	32 A
Fuse	50 A	40 A	40 A	40 A	40 A
Noise emissions	< 70 dB	< 70 dB	< 70 dB	< 70 dB	< 70 dB
MAX power	4.6 KW	4.6 KW	4,1 KVA	4.7 - 6.6 KW	3.6 - 4.2 KW
Duty cycle 100%	120 A	145 A	105 A	155 A	125 A
Duty cycle 60%	155 A	180 A	130 A (90%)	200 A	160 A
Duty cycle 35%	200 A	200 A	-	-	-
Open circuit voltage	89 V	66 V	66 V	67 V	67 V
Welding range	5 - 200 A	5 - 200 A	5 - 130 A	5 - 200 A	5 - 160 A
Compliant with standards	EN 60974 / 1 - 10	EN 60974 / 1 - 10	EN 60974 / 1 - 10	EN 60974 / 1 - 10	EN 60974 / 1 - 10
Application class	S	S	S	S	S
Weldable electrodes diameters	1.6 - 5 mm	1.6 - 5 mm	1.6 - 5 mm	1.6 - 5 mm	1.6 - 4 mm
Dimensions, mm (L x B x H)	450 x 180 x 330	475 x 146 x 278	475 x 146 x 278	550 x 190 x 370	550 x 190 x 370
Weight, kg	7.5	9	9	15	15
Insulation class	F	F	F	F	F
Protection class	IP23	IP23	IP23	IP23	IP23
Cooling system	AF	AF	AF	AF	AF
Operating temperature	- 10 + 40 °C	- 10 + 40 °C	- 10 + 40 °C	- 10 + 40 °C	- 10 + 40 °C



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