



NOVAMIX 205 DP PFC NOVAMIX 241 AC/DC PFC



Main features

- 4.3 inch LCD screen
- A / V digital screen
- Selection of the welding mode innovative, eye-catching numerical display, parameter adjustment extremely intuitive
- Manual MIG / MAG / SYN
- MMA function (coated electrode)
- Hot start (improves arc striking)
- Adjustable Arc Force
- TIG AC / DC and DC HF
- Lift Arc trigger
- 2T / 4T mode
- Adjustable up/down ramps and Post flow
- PFC technology: power factor control multiple advantages such as savings energetic
- Double power supply voltage, working with 110V and 230V
- 5 kg wire spool
- Control of the waveform, for one greater arc stability, even at low levels currents
- Equipped with temperature sensors for one safe protection of the INVERTER
- Polarity inversion
- Can be coupled to UP/DOWN torch

- Metallurgical industry • Shipbuilding
- Buildings • Petrochemical industry
- Railway industry • Military industry
- Food industry • Automotive industry
- Earthmoving • Sheet metal processing

MIG Inverter AC/DC PFC - DP PFC

The **NOVAMIX INVERTER** generator **241 AC / DC PFC** is to be considered a real “jewel” regarding its performance and its small size, which places it in a wide market segment being the solution to the most varied needs. One of the main features of the **NOVAMIX 241 AC / DC PFC**, in addition to the digital electronic LCD screen which allows an immediate visualization of the adjustable parameters is an innovative software which further simplifies their adjustment. The **NOVAMIX** series **INVERTER** generator **241 AC / DC PFC** is prepared for welding **TIG DC** and **AC/DC** with high frequency. Not least, in addition to savings energy (Power factor Control), is the electronic regulation of inductance and the VRD (Voltage Reduce Device) which guarantees safety even in particular environments working.

The **NOVAMIX INVERTER** generator **205 DP PFC** is a handy and portable machine with all the main features of the **NOVAMIG 503 DP** inside but with a single-phase power supply.

Generators are distinguished by the possibility of use of the GAS-free cored wire and the characteristic of being Multivoltage, connectable to both 110 and 230 V.

- INVERTER TECHNOLOGY
- INTEGRATED SAFETY (VRD)
- ENERGY SAVING
- REVERSE OF POLARITY
- ARC - FORCE ADJUSTMENT
- DESCENT RAMP ADJUSTMENT AND ASCENT
- INDUCTANCE ADJUSTMENT ELECTRONICS
- LCD DISPLAY
- DIGITAL DISPLAY AMPERE - VOLT
- MMA MODE
- TIG LIFT ARC MODE (NOVAMIX 205 DP PFC)
- TIG HF DC and AC / DC MODE (NOVAMIX 241 AC / DC PFC)
- BURN - ADJUSTABLE BACK
- PFC (POWER FACTOR CONTROL)
- DUAL VOLTAGE OF USE (110/230 V)
- USABLE WITH SPOOL GUN TORCH
- COUPLING WITH MOTORGENERATOR



NOVAMIX 205 DP PFC

NOVAMIX 241 AC/DC PFC

Technical data

Description	NOVAMIX 205 DP PFC		NOVAMIX 241 AC/DC PFC	
Power supply, single phase	230 V - 50/60 Hz	110 V - 50/60 Hz	230 V - 50/60 Hz	110 V - 50/60 Hz
Fuse	40 A	40 A	40 A	40 A
MAX absorption (MIG)	32 A	37 A	37 A	37 A
Noise emissions	< 70 dB	< 70 dB	< 70 dB	< 70 dB
MAX power (MIG)	6.2 KW	7.2 KW	6.2 KW	7.2 KW
Duty cycle 100% (MIG)	110 A	85 A	100 A	70 A
Duty cycle 60% (MIG)	145 A	110 A	130 A	91 A
Duty cycle 25% (MIG)	200 A (30%)	140 A (30%)	200 A	140 A
Open circuit voltage (MIG)	67 V	67 V	20 V	20 V
Output range TIG	10 - 200 A	10 - 150 A	5 - 200 A	5 - 160 A
Output range MMA	10 - 200 A	10 - 180 A	5 - 200 A	5 - 130 A
Output range MIG	40 - 200 A	40 - 140 A	40 - 200 A	10 - 140 A
Compliant with standards	EN 60974 - 1 - 10	EN 60974 - 1 - 10	EN 60974 - 1 - 10	EN 60974 - 1 - 10
Application class	S	S	S	S
Insulation class	F	F	F	F
Protection class	IP23	IP23	IP23	IP23
Cooling system	AF	AF	AF	AF
Operating temperature	- 10 + 40 °C	- 10 + 40 °C	- 10 + 40 °C	- 10 + 40 °C

Wire diameters

Steel	0.6 - 1 mm	0.6 - 1 mm	0.6 - 1 mm	0.6 - 1 mm
Stainless steel	0.8 - 1 mm	0.8 - 1 mm	0.8 - 1 mm	0.8 - 1 mm
Aluminium	1 - 1.2 mm	1 - 1.2 mm	1 - 1.2 mm	1 - 1.2 mm
Electrodes diameter	1,6 - 4 mm	1,6 - 4 mm	1,6 - 4 mm	1,6 - 4 mm
Wire feed speed	2 - 20 mt./min	2 - 20 mt./min	2 - 20 mt./min	2 - 20 mt./min
Wire spool capacity	5 Kg	5 Kg	5 Kg	5 Kg
Dimensions, mm (L x B x H)	505 x 210 x 330	505 x 210 x 330	505 x 210 x 330	505 x 210 x 330
Weight, kg	17.8	17.8	15.5	15.5



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