

## WELDING MACHINES

The GRAND ARC 202 PFC is an inverter power source designed for professional welding applications (up to 200A 40%). As the larger counterpart of the GRAND ARC 160 PFC, it offers increased power, enabling welding with electrodes up to 5mm in diameter. It supports MMA (stick) and Lift TIG welding methods. Featuring a digital display, the machine is easy to adjust. Built-in features like Hot Start, Antisticking, and Arc Force simplify MMA welding for operators. Additionally, it includes a VRD system (Voltage Reduction Device) which reduces the no-load voltage during standby, making it suitable for environments with limited work voltages such as shipyards or oil platforms. The P.F.C (Power Factor Corrector) reduces harmonic current emissions and increases inverter efficiency by reducing input current by more than 20%. This allows for higher welding currents compared to standard inverters, even when using poor supply networks or long supply cables. Compact, lightweight, and robust, the GRAND ARC 202 PFC is well-suited for construction, shipyard, maintenance, and repair operations.

## GRAND ARC 202 PFC



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## SUGGESTED ACCESSORIES

1.	3MT 25MM <sup>2</sup> CABLE WITH ELECTRODE HOLDER PLUG 13MM	21002
2.	3MT 25MM <sup>2</sup> EARTH CABLE WITH CLAMP PLUG 13MM	21003
3.	TIG TORCH 26V LKM 4MT	22020
4.	HELMET LKM BASE H	31000

## PRODUCT PARAMETERS

CODE	11007
INPUT VOLTAGE	110V-230V
INPUT FREQUENCY	50/60 HZ
INPUT PHASE	1
RATED INPUT POWER*	2KW-3,4KW (1PH-110V) 4,5KW-6,6KW (1PH-230V)
RATED INPUT CURRENT (I <sub>1MAX</sub> )*	18,5A-30A (1PH-110V) 19,5A-29A (1PH-230V)
RATED INPUT CURRENT (I <sub>1EFF</sub> )*	11,7A-19A (1PH-110V) 12,3A-18,3A (1PH-230V)
DUTY CYCLE 40% (10 MIN 40°C)*	110A (1PH-110V) 200A (1PH-230V)
DUTY CYCLE 60% (10 MIN 40°C)*	90A (1PH-110V) 165A (1PH-230V)
DUTY CYCLE 100% (10 MIN 40°C)*	70A (1PH-110V) 130A (1PH-230V)
NO LOAD VOLTAGE	67V
CURRENT RANGE*	10A/110A (1PH-110V) 10A/200A (1PH-230V)
NET WEIGHT	7KG
DIMENSIONS	380X185X305MM
PROTECT CLASS	IP23S
INSULATION CLASS	F
POWER FACTOR	0,99
IDLE STATE POWER CONSUMPTION	36W (1PH-110V) 37,8W (1PH-230V)
EFFICIENCY	80,2%-83,1% (1PH-110V) 80,2%-84,4% (1PH-230V)

\*TIG-MMA

