

SPARTUS[®] ProARC 500CEL

A POWERFUL, RELIABLE INVERTER WITH THE POSSIBILITY OF WELDING WITH CELLULOSE ELECTRODES



PRELIMINARY INFORMATION

SPARTUS[®] ProARC 500 CEL is a modern inverter welding machine based on IGBT transistors. The power supply is from a 400V three-phase network. It allows welding with electrodes wrapped in a wide range of diameters, with a maximum current of 500A.



DEVICE DESCRIPTION

The welder is resistant to very heavy loads, has an efficient cooling system and a high 60% rated duty cycle, and 100% duty cycle achieves for an intensity of 400A. The device has a number of modern technological solutions: MCU controller, protection against phase loss, VRD - reduced voltage without load. Thanks to the ProARC500 solutions, CEL has stable output parameters and functions that guarantee high quality of the welded joint. **SPARTUS[®] ProARC 500 CEL** works well in professional welding work, where high power and reliability of the source is required.



EXAMPLES OF USE

- industry,
- constructions,
- renovation works in the field,
- workshop works

Videopresentation of products



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● TECHNICAL PARAMETERS

Input	~3 × 400V ± 10% 50 / 60 Hz
Duty cycle [%]	60[%] 500[A] 100[%] 400[A]
MMA PARAMETERS	
Welding current [A]	20 - 500
Idle voltage [V]	88
Hot Start	✓
Arc Force	✓
VRD	✓
Welding with a cellulose electrode	✓
TIG PARAMETERS	
Welding current [A]	20 - 500
Arc ignition	Lift
OTHER	
Power factor (cosφ)	0,70
Efficiency η [%]	85
Insulation class	H
Protection class	IP23
Weight [kg]	30
Dimensions [mm]	620 × 240 × 450

● FUNCTION PANEL



1. Welding parameters display
2. Welding method selection button
3. Welding adjustment knob
4. Controls: MMA welding
5. Indicator: TIG DC Lift welding
6. The HOT START parameter control knob
7. ARC FORCE parameter adjustment knob

● EQUIPMENT OF THE PACKAGE:

electrode holder 3m

work clamp 3m

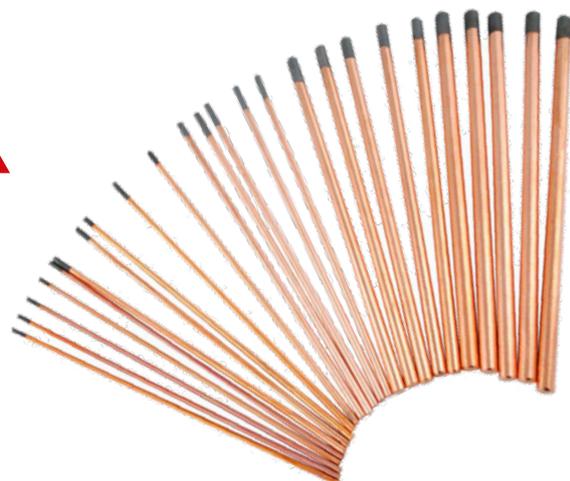
user's manual



CARBON GOUGE

electrodes

- 4x305 (150-200A)
- 5x305 (200-250A)
- 6x305 (300-350A)
- 8x305 (400-450A)
- 10x305 (500-550A)



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