

SPARTUS® ProARC 500 CEL



Product code:

ProARC500CEL_pak

Package equipment: • device SPARTUS® ProARC 500CEL, • 3m electrode holder, • 3m work clamp, • user's manual

Product description

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

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.

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:

- Adjustable Hot Start function – easier ignition of the coated electrode
- Adjustable Arc Force function – easier welding in difficult positions such as ceiling
- Anti-stick function – prevents sticking of the electrode
- Support for cellulose electrodes – the possibility of welding with cellulose electrodes
- the possibility of TIG welding with striking the Lift arc (by rubbing)

SPARTUS® ProARC 500 CE works well in professional welding work, where high power and reliability of the source is required.

Example application: industry, constructions, renovation works in the field, workshop works.

Technical parameters

| | |
|--------------------------------|--|
| Input | ~3× 400V ± 10% 50 / 60 Hz |
| Welding current MMA [A] | 20 - 500 |
| Duty cycle MMA [%] | 60 |
| No-load voltage [V] | 88 |
| Additional features | Arc Force, Hot Start, TIG lift welding, Welding with a cellulose electrode , VRD |
| Welding current TIG [A] | 20 - 500 |
| Current consumption [A] | 35A |
| Power factor (cosφ) | 0,7 |
| Efficiency η [%] | 85 |
| Insulation class | H |
| Protection class | IP23 |
| Weight [kg] | 30 |
| Dimensions [mm] | 620 x 240 x 450 |

PRODUCT CATEGORIES: [MACHINES](#), [MMA](#)

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