

Origo™ Arc 455

Industrial SMAW Welding Rectifier.



Origo™ Arc 455

Origo™ Arc 455 is a direct current welding rectifier for manual welding of a wide range of coated electrodes. Easy to operate, it is ideal to use in production, maintenance and metalworking applications.

- It allows the welding of carbon steel and alloyed steel, stainless steel, cast iron, aluminum and its alloys, copper and bronze.
- High open circuit voltage ensures easy arc striking and excellent stability of the electric arc.
- The welding current adjustment is done by a crank located on the front panel, which allows to precisely select the parameter according to the application.
- Three-phase electrical supply at 220, 380 or 440 volts at 60 Hz or 380 volts at 50 Hz.
- Powerful cooling fan guarantees exceptional equipment performance against excess temperature of the internal components.
- Compact and robust cabinet, built in galvanized sheets and painted by an electrostatic antioxidant process.
- Welding cables to be connected by an OKC terminal to improve the safety of the welding area.

For more information visit esab.ae

Segments

- Construction
- Heavy manufacturing
- Mining
- Repair and Maintenance
- Pipes
- Naval and Offshore

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Specification

Input Rating – 3 phase	220/380/440V – 60Hz	380V – 50Hz
Current Range	65 – 450 A	65 – 400 A
Voltage Range	22 – 38 V	23 – 36 V
Duty Cycle	230A / 29V @ 100% 300A / 32V @ 60% 450A / 38V @ 30%	230A / 30V @ 100% 300A / 32V @ 60% 400A / 36V @ 35%
Open Circuit Voltage	80 V	79 V
Apparent Power	37kVA	30kVA
Fuse Slow	80A @ 220Vac 50A @ 380Vac 40A @ 440Vac	
Dimensions (W x L x H)	600 x 835 x 710 mm	
Weight	125 kg	
Protection Class	IP23	
Insulation class	H (180°C)	

Ordering Information

Origo™ Arc 455	0700500068
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Ordering Accessories

Welding cable 50mm ² (sold per 50 meter coils)	0262613606
Welding cable 70 mm ² (sold per 50 meter coils)	0262613603
Electrode holder 600A	0700006010
Earth Clamp ECSTD 60	0700006011



ESAB Middle East & Africa
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