

The most advanced,

Heavy Industrial ARC 630I

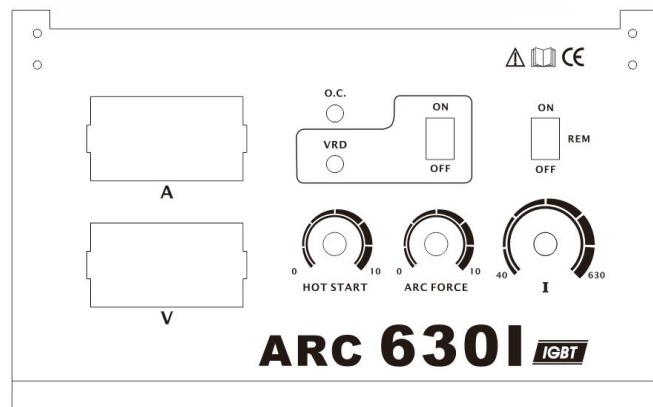
Economical, Excellent, Flexible, Professional



- Advanced IGBT inverter technology.
- Wide range for input voltage: 380V±15%. Matching generator can be used.
- Air Gouging function.
- Digital meter to preset and display welding current.
- Dust-Free Cooling System with Upgraded Duty Cycle.
- ARC force and Hot start adjustable, easy to striking the arc.
- VRD function, it safe for welders.
- Auto-Protection against over-voltage, over-current and over-heated.
- Energy Saving - Compared with the traditional SAW

Control panel

Simple and easy to understand front panel design, the upper big knob for welding current pre-setting, the below two smaller knob for hot start current and arc force current adjustment.



Base Units Include

- 1 pcs inverter power source
- 8 # Allen wrench, L type, ball head, opposite side 8mm, 152 * 32mm
- Open wire ear, 600A, Φ12.2



Key Option

Technical data

Item	ARC 630I
Input voltage (V)	3P -380±15%
Frequency (HZ)	50/60
Rated input current (A)	53.1
Output current (A)	50-630
Hot start current (A)	0-150
Arc force current (A)	0-150
Duty cycle (40°C)	630A@60% 488A@100%
Power factor	>0.93
Efficiency	>85%
Housing protection grade	IP21
Weight (kg)	58
Dimensions (mm)	670×320×640

Application specification

Steel erection, Pipe, Fabrication, Shipbuilding, Foundries, Mild steel, Stainless steel, alloyed steel, etc

Welding current refers

Electrode model	Φ 2.5mm	Φ 3.2mm	Φ 4.0mm	Φ 5.0mm
E6013/E7018	70-100A	90-150A	140-220A	200-280A

Round copper-plated carbon rod (DC)								
Diameter (Φ) × Length (L) Unit (mm)	3.2×305	4×305 (355)	5×305 (355)	6×355	6.5×305 (355)	7×355	8×305 (355)	9×355
Current	130-180	150-200	200-250	300—350	320—370	350—400	400—450	500—550