

The high cost-performance,

New ARC 250CT

Excellent, Professional, Reliable and Rugged



- Use 100 KHz inverter MOSFET technology.
- With plastic corner, sloping front panel.
- Adopt new techniques that maximizing thermal dissipation with 4 separated heat sinks.
- Greatly improved the welding performance and stability; easy striking under low voltage.
- Intelligent protection: over-voltage, over-loading and over-heating.
- Auto-Adaptive arc force and hot start current.
- Anti-stick function built-in.
- VRD function built-in.
- Pass the high voltage 3750V AC dielectric strength test, safe for welder.
- Energy-efficient: power factor more than 0.7, efficiency more than 85%.
- Generator set okay.
- **KJO-50 socket/plug, LED Display and machine appearance optional.**

Control panel

Simple and easy to operate, one rotary knob for welding current pre-set. Customers can easily choose the welding current, according to the display panel printing.



Base Units Include

- 1 pcs inverter power source
- 2 pcs Euro plug(KJO-50)

Optional

- Auto-Darkening Welding Helmet
- Stick electrode holder, 3.0m cable with Euro plug
- Earth clamp, 3.0m cable with Euro plug

Technical data

Item	ARC 250CT
Input voltage (V)	220(±15%)
Frequency (HZ)	50/60
Rated input current (A)	41 (I _{1eff} =26.2A)
Rated input power (KVA)	9.02
Output current (A)	30-190
No load voltage (V)	70 (VRD=20)
No load cost(W)	60
Output voltage (V)	21.2-27.6
Duty cycle (40℃)	190A/27.6V@30% 160A/26.4V@60% 140A/25.6V@100%
Power factor	0.70
Efficiency	85%
Housing protection grade	IP21S
Power Source Weight (kg)	6.5
Dimensions (mm)	402*160*300

Application specification

Light steel structure, Machinery maintenance, Sheet metal Processing

Mild steel, Stainless steel, alloyed steel, etc

Welding current refers

Suitable Electrode model e.g.	Welding position	Φ 2.5mm	Φ 3.2mm	Φ 4.0mm
E6013,E7018, E308-16, E309-16	Flat, Horizontal	55-85A	90-130A	140-180A
	Vertical, over-head	50-80A	90-120A	120-170A