

ARC-200/220



Product Introduction

This series is IGBT inverter DC MMA welding machine with single PCB technology, with single phase 220V AC power supply, which adapts to the input voltage automatically with robust design and thermally protected. Machine is small and lightweight while welding performance is powerful.

Product	Output		Input		Features					
	CC/CV	AC/DC	Current range (A)	Voltage (V)	Frequency (Hz)	Digital control	ARC force	HOT start	Generator application	Digital display
ARC-200	CC	DC	20-160	220	50/60	●	●	●	●	●
ARC-220	CC	DC	20-160	220	50/60	●	●	●	●	●

○ Excellence ● Option ● Standard

Specifications

Product	ARC-200	ARC-220
Rated Input Voltage	1P 220V	1P 220V
Voltage Range	160V-260V	160V-260V
Rated Input Current	39A	46A
Rated Input Capacity	8.7KVA	10.4KVA
No-load Voltage	70V	65V
Rated Output current/voltage	200A/27.2V	200A/28.8V
Output Current Range	20-200A	20-220A
Rated Duty Cycle	200A/35%	220/35%
Efficiency (η)	0.85	0.85
COS φ	0.99	0.99
Insulation Class	H	H
Protection Class	IP21S	IP21S
Dimension (L × W × H mm)	320 × 122 × 195	360 × 140 × 212
Weight	5.3KG	6.2KG

Accessories

Earth Clamp Set	Electrode Holder Set	Hand Shield	Brush And Chipping
• 2m 25m² cable + ground clamp	• 2m 25m² cable + electrode holder	• 1pc hand shield	• 1pc brush

Welding Specifications

Base metal	Thickness(mm)	Electrode diameter	Welding method	Welding current range
Low carbon steel Low alloy steel	2~13mm	2.0、3.2、 4.0、5.0	DC	40A~220A