





## Quick Specs



### Personal User Applications

Shipbuilding and offshore engineering  
 Industry plant construction  
 Maintenance and repair  
 Pipeline industry

### Process

Process: Stick (SMAW) /Gouging (≥500A)

Output  

Input  

ARC series gives a highly stable DC arc and ensures perfect welding in all situations and positions. It is new generation developed specially to meet harsh industry requirement and performs full power against voltage fluctuation and long distance welding (up to 100m).

### Features and benefits

- Good performance with E6013, E7018 electrodes
- Adjustable arc force and hot start improve the performance
- Arc force feature against broken arc
- Extra arc force current to ensure deep penetration
- Hot start ensure 100% arc ignition
- Wire /wireless remote control (optional)
- Adjustable arc force bring great performance for all position welding
- VRD feature (optional)
- Suitable for long distance welding (100m)
- For high current model (>500A), 100% duty cycle and can perform carbon arc gouging feature.



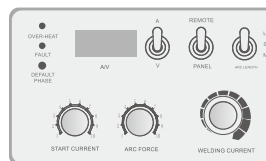
ARC-315 /400 /500 /630



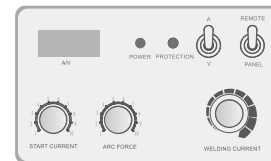
ARC-1000 /1250

### Standard equipments

- 1 Power source
- 1 Connected primary cable L=3m
- 1 Welding cable L=3m
- 1 Ground cable L=3m



ARC-1000 /1250



ARC-315 /400 /500 /630

### Technical Specification

	ARC315	ARC400	ARC500	ARC630	ARC1000	ARC1250
Rated input voltage/frequency (Hz)	3 phase, 380V±10%, 50 /60Hz					
Rated input capacity (KVA)	13.6	18.7	24.6	34.2	54.6	66.5
Rated input current (A)	20.7	28.4	37.4	52	83	101
Duty cycle (40°C)	60%@315A	60%@400A	60%@500A	100%@630A	100%@1000A	100%@1250A
OCV (V)	68	68	83	96	82	90
Output current range (A)	20-315	20-400	20-500	50-630	60-1000	60-1250
Efficiency	89%					
Protection class	IP23S			IP21S		
Insulation class	H					
Dimension (mm)	655*324*546	655*324*546	655*324*546	686*322*584	767*352*757	767*352*802
Weight (kg/lb)	43 /95	43 /95	50 /110.4	58 /128.1	95 /209.8	100 /220.9