

Dialarc® 250 AC/DC

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**Stick Welding
Power Source**



Quick Specs

Light Industrial Applications

Production Line Work
Plant Maintenance
Garage/Job Shops
Fabrication
Vocational School Training

Process

Stick (SMAW)

Input Power 1-Phase Power

Rated Output AC: 250 A at 30 VAC, 30% Duty Cycle
DC: 200 A at 28 VDC, 50% Duty Cycle

Max. Open-Circuit Voltage AC: 70
DC: 79

The Power of Blue.®

Single-dial current control simplifies weld adjustment.

Infinite current control allows precise weld output adjustment; you always get the exact heat you need to produce a better weld.

Two weld ranges for both AC and DC welding allow greater control of weld performance for changes in welding conditions.

Fully varnished magnetic amplifier technology provides lower maintenance, and outstanding product reliability with fewer moving parts.

Forced-draft cooling fan ensures a cooler running product, extending the life of the power source.



Superior 6010 and 7018 Stick welding performance offers a wide range of electrode versatility; welds difficult-to-weld metals.

High output and duty cycle allows unit to handle nearly all of your Stick welding needs.

Industrial, weld output terminal cover.

Power factor correction is available for lower primary power demand.

Optional remote weld output control provides current control without going back to the power source—saves time and effort.



Power source is warranted for 3 years, parts and labor.
Original main power rectified parts are warranted for 5 years.



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Specifications (Subject to change without notice.)

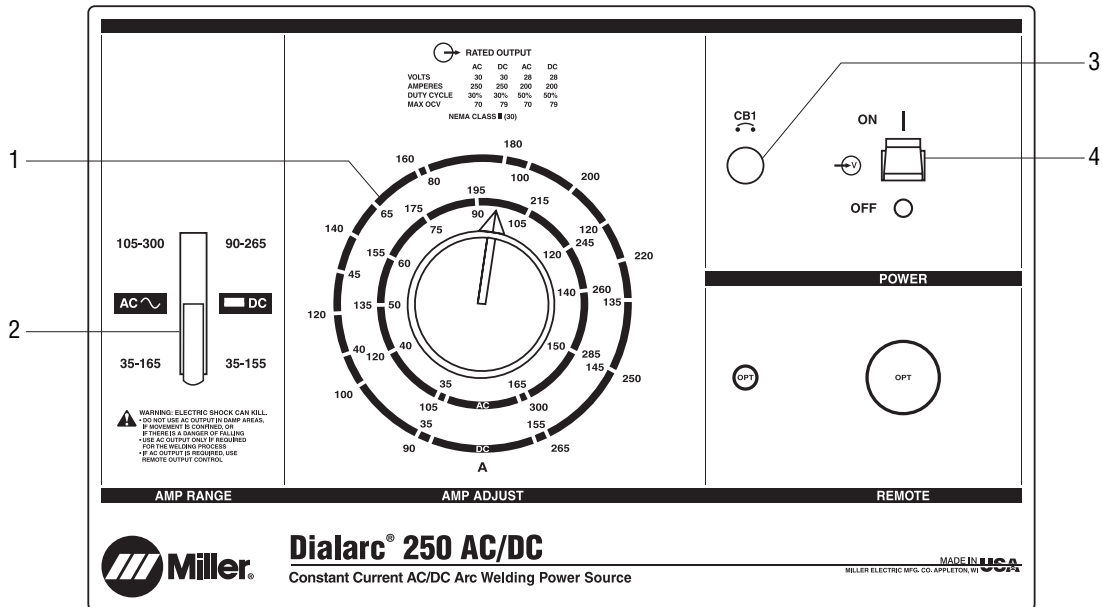


Power Factor Correction		Welding Amperage Ranges	Max. Open-Circuit Voltage	Rated Output	Amps Input at Rated Output, 50 or 60 Hz, Single-Phase								Dimensions	Weight	
					200 V	220 V	230 V	380 V	440 V	460 V	575 V	KVA			KW
Without	AC	Low: 35–165 High: 105–300	70	250 A at 30 VAC, 30% Duty Cycle	103	84	90	48.6	42	45	36	20.7	11.8	H: 24-1/4 in (616 mm) W: 19 in (483 mm) D: 28 in (711 mm)	Net: 360 lb (163 kg)
	DC	Low: 35–155 High: 90–265	79	200 A at 28 VDC, 50% Duty Cycle	80	68	70	39	34	35	28	16.1	8.2		Ship: 370 lb (168 kg)
With	AC	Low: 35–165 High: 105–300	70	250 A at 30 VAC, 30% Duty Cycle	78	—	68	—	—	34	27	15.6	11.8		Net: 365 lb (166 kg)
	DC	Low: 35–155 High: 90–265	79	200 A at 28 VDC, 50% Duty Cycle	57	—	50	—	—	25	20	11.5	8.2		Ship: 375 lb (171 kg)

Certified by Canadian Standards Association to both Canadian and U.S. Standards.

Control Panel

1. Amperage Adjustment Control
2. Range Selector Switch
3. Circuit Breaker CB1
4. Power Switch

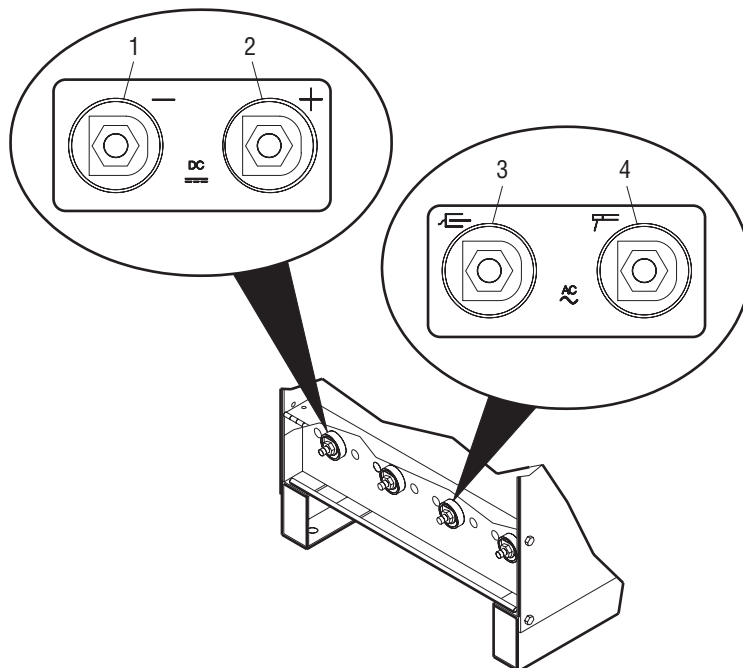


For DC Weld Output

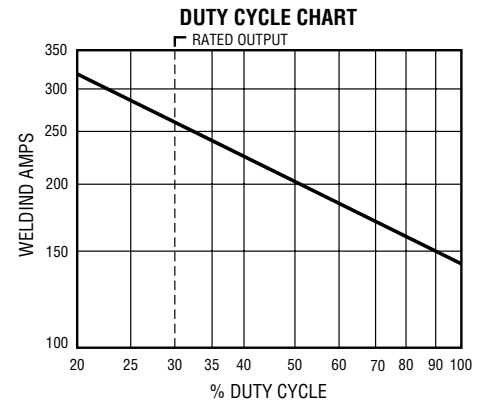
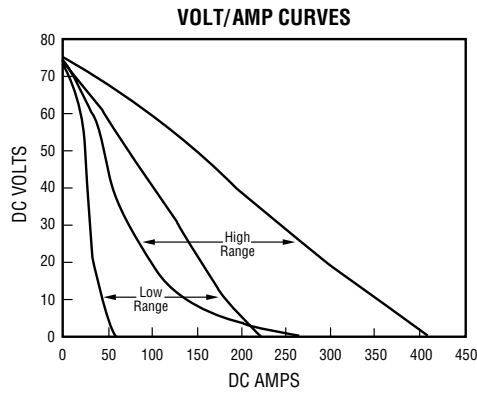
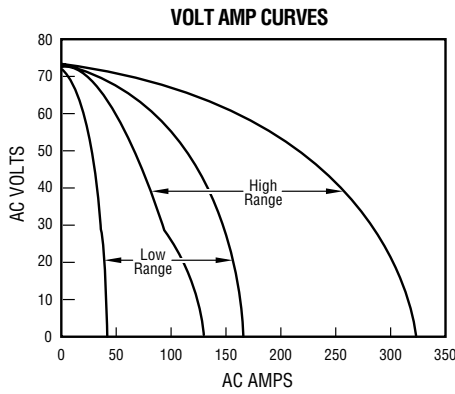
1. Negative (-) Weld Output Terminal
2. Positive (+) Weld Output Terminal

For AC Weld Output

3. Work Weld Output Terminal
4. Electrode Weld Output Terminal



Performance Data



Genuine Miller Accessories

No. 2CWA Welding Accessories #040 042

Consists of 35 ft (10.6 m), No. 2 electrode cable with insulated electrode holder; 30 ft (9.1 m), No. 2 work cable; work clamp; welding helmet; and wire scratch brush.



RF-10 Remote Current Control Facilities #041 111 Field

Includes receptacle, remote-standard switch and wiring.

RHC-3 Remote Hand Amperage Control #040 056

Requires RF-10 Remote Current Control Facilities. Includes 20 ft (6 m) cord and plug.



RFC-23A #040 071

Requires RF-10 Remote Current Control Facilities. Remote foot amperage control with 20 ft (6 m) cord and plug.

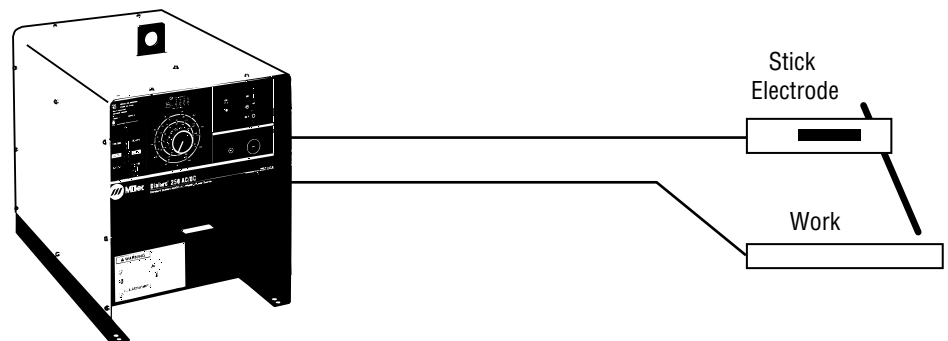
No. 19 Running Gear #041 580

Four 8 in (203 mm) poly/rubber blend wheels with 30 in (762 mm) towing handle. All running gear shipped unassembled.

Typical Installations



Stick (SMAW) Basic Equipment



Ordering Information

Equipment and Options	Stock No.	Description	Qty.	Price
Dialarc® 250 AC/DC	#907 017	200/230/460, 60 Hz		
	#907 016	230/460/575, 60 Hz		
	#907 029	220/380/440,50 Hz		
Dialarc® 250P AC/DC	#907 015	200/230/460/575, 60 Hz		
No. 19 Running Gear	#041 580			
Accessories				
No. 2CWA Welding Accessories	#040 042	Includes 2/0, 35 ft electrode cable and holder, 30 ft work cable, welding helmet and wire scratch brush.		
RF-10	#041 111	Remote current control facilities, field only		
RHC-3	#040 056	Remote hand amperage control		
RFC-23A	#040 071	Remote foot amperage control		
Miscellaneous				
Stick Electrodes				
Helmet/Gloves/Scratch Brush				
Chipping Slag Hammer				
Other				

Date: **Total Quoted Price:**



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