

MILLER BIG BLUE 600 WELDING SET



Specifications

Welding Mode	Weld Output Range	Weld Output Rated at 104° F (40° C) NEMA Amperage and Voltage	Max. Open-Circuit Voltage	Generator Output Rated at 104° F (40° C)	Dimensions**	Weight (without fuel)***
CC/DC	20 – 750 A	600 A at 44 V (26.4 kW), 40% Duty Cycle 550 A at 42 V (23.1 kW), 60% Duty Cycle 500 A at 40 V (20 kW), 100% Duty Cycle	95	Peak: 5500 watts Continuous: 4000 watts, 34/17 A, 120/240 VAC, 60 Hz while welding Additional Generator Power for Deluxe Models (while NOT welding) 3-phase: 20 kW, 48 A, 240 VAC or 1-phase: 12 kW, 50 A, 120/240 VAC	H: 43 in. (1092 mm) W: 28.5 in. (724 mm) D: 69.5 in. (1765 mm)	Net: 1931 lb. (876 kg) Ship: 1982 lb. (899 kg) Deluxe Model Net: 1956 lb. (887 kg) Ship: 2007 lb. (910 kg)
CV/DC	14 – 40 V	500 A at 40 V (20 kW), 100% Duty Cycle	56			
CC/AC*	20 – 575 A	400 A at 36 V (14.4 kW) 100% Duty Cycle	64			
Battery* Charge Jump Start	12/24 V	750 A, 12 V, Jump Start 750 A, 24 V, Jump Start	14/28			

Engine Specifications (Engines warranted separately by the engine manufacturer.)

Engine Brand	Features	HP	Type	Engine Speeds	Capacities	Automatic Engine Shutdowns
Deutz TD2011L04o	EPA Tier 4i compliant, turbocharged, direct-injected, liquid-cooled (oil) engine. Right-side service access with service intervals of 500 hours for oil and filters. MSHA approved with purchase of certificate from Deutz dealer.	63.4	4-cylinder, industrial, liquid-cooled diesel	Weld: 1850 RPM Idle: 1250 RPM	Fuel: 25 gal. (95 L) Oil: 11 qt. (10.4 L) Coolant: Integrated oil	Low Oil Pressure, High Coolant Temperature, Low Fuel Level

Air Compressor

Compressor Brand	Features	Free Air Delivery at 1850 RPM	Free Air Delivery at 1235 RPM (Idle)	Working Pressure Constant	Duty Cycle	Oil Capacity	Automatic Compressor Shutdowns
Ingersoll Rand CE55 G1	Rotary screw with electric clutch for on/off. Oil change intervals of 500 hours (same as engine). Life expectancy of 30,000 hours.	60 CFM (1.70 m ³ /min.)	40 CFM (1.13 m ³ /min.)	100 PSIG (7 bar)	100%	5 qt. (4.7 L)	Oil Temperature

Gainwealth Engineering & Trading

No. 6, Jalan Sutera 1/5A Kawasan Perindustrian, Bukit Angkat, 43000 Kajang, Selangor, Malaysia

H/P: 6012-3717349 Tel: 03-8730 1327

E-mail: alex2gw@gmail.com