



## G 180 Mobile Generator

Item Number: 0620303

# G 180

### Proven rugged design delivers an exceptional value

>> Durable, sound-attenuated diesel generators provide mobile prime power for larger construction, commercial, industrial, special event and emergency management applications where quiet, reliable power is needed. Designed around clean burning Tier III John Deere engines for maximum power and fuel efficiency, these units are EPA and CARB compliant. A digital controller monitors and protects the generator and engine while providing performance data on an easy to read LCD display. A large, skid mounted fuel tank provides up to a 30 hour (G 240) run time at full prime load, even without a trailer. <<



### Additional Advantages

- Quietest in-class generators are ideally suited for most sound-sensitive application.
- Brushless alternators with separate excitation and AVR provide excellent motor starting and an enhanced ability to run non-linear loads.
- Rated power up to 120°F (49°C) for optimum performance even in hot climates.
- Easy voltage selection using a lockable voltage selector switch (G 180) or a unique reconnectable board (G 240) eliminates connection errors.
- Standard environmentally friendly features include 115% fluid containment, crankcase oil vapor recovery system, no mess oil and radiator drain hoses and fast fuel fill system (50 gpm) that minimizes fuel spill potential.
- Durable features like stainless steel external hardware and automotive corrosion treatment of select body parts provide a long-lasting, quality appearance ensuring a high resale value.
- Deere engine diagnostic codes display on the LCD readout simplifying engine troubleshooting; fuel consumption and percentage load data is also displayed.
- Automatic remote start capability is standard, ideal for temporary standby applications.
- Many factory-installed options like cold weather package, battery chargers, etc. are available.
- Heavy-duty, tandem-axle trailers with aluminum diamond plate fenders are road ready with DOT lighting, chains, height adjustable coupler and choice of surge or electric brakes.
- Two-year bumper-to-bumper warranty with unlimited hours (separate engine warranty).

Description	Metric	Imperial
Length x width x height (skid mounted)	3353 x 1321 x 1727 mm	132 x 52 x 68 in
Operating weight, Skid mounted	3770 kg	8313 lb
Dry weight, Skid mounted	2818 kg	6213 lb
Generator with optional trailer Length x width x height	5055 x 2146 x 2515 mm	199 x 84.5 x 99 in
Operating weight with optional trailer	4441 kg	9793 lb
Dry weight with optional trailer	3489 kg	7693 lb
Standby output	157 / 197 kW/kVA	157 / 197 kW/kVA
Prime output	143 / 179 kW/kVA	143 / 179 kW/kVA
AC voltage 1 Ø	120, 127, 139, 240, 254, 277 V	120, 127, 139, 240, 254, 277 V
AC voltage 3 Ø	208, 220, 240, 416, 440, 480 V	208, 220, 240, 416, 440, 480 V
Frequency	60 Hz	60 Hz
Power factor (1 phs / 3 phs)	1.0 / 0.8	1.0 / 0.8
Sound level	69.9 dB(A)	69.9 dB(A)
AC receptacles 1 Ø120V - 20 amp GFI duplex	2	2
AC receptacles 1 Ø120/240V - 50 amp twist lock	3	3
AC receptacles 1 Ø120/240V - 30 amp twist lock	0	0
Engine Type	John Deere 6.8 L	
Displacement	6800 cm <sup>3</sup>	415 in <sup>3</sup>
Max. Rated Power at Rated Speed*	177 kW at 1800 rpm	237 hp at 1800 rpm
Power Rating Specification	SAE J1995, ISO 8528-1	SAE J1995, ISO 8528-1
Battery	12V/950CCA	12V/950CCA
Voltage regulation no load to full load	+/-1%	+/-1%
Voltage regulation steady state	+/-0.2%	+/-0.2%
Insulation class	H	H
Generator type	Brushless w/ AVR	Brushless w/ AVR
Fuel consumption (full load) with / without generator	40.9 l/h	10.8 US gal/h
Fuel tank capacity	1104 l	291.7 US gal
Run time	100% - 25 75% - 32.2 50% - h 44 25% - 86.1	100% - 25 75% - 32.2 50% - h 44 25% - 86.1
Trailer hitch type	Pintle	Pintle

### Standard Package - G 180

includes operator's manual and parts book. (Generator and trailers are sold separately.)

Please refer to our Price List and Ordering Guide for complete accessory information.

Specifications may change due to continuous product development. Users are advised to consult Wacker Neuson's Operator's Manual and website for specific information regarding the engine power rating. Actual power output may vary due to conditions of specific use.

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