

# G120

## Mobile Generators



**WACKER  
NEUSON**  
*all it takes!*



### **Rugged and reliable power anywhere, anytime.**

The G120 is big on power and features to meet your market and job site needs. This durable, sound attenuated diesel generator provides mobile prime power for larger construction, commercial, industrial, special event and emergency management applications where quiet, reliable power is needed. The digital controller monitors and protects the generator and engine. The standard environmentally friendly features include a 115% fluid containment, crankcase oil vapor recovery system, no mess oil and radiator drain hoses and fast fuel fill system that minimizes fuel spill potential.

- Brushless alternators with separate excitation and AVR (Automatic Voltage Regulation) provide excellent motor starting and an enhanced ability to run non-linear loads.
- Simple, one switch start for easy operation and easy voltage selection using a lockable voltage selection switch.
- Rated power up to 120°F (49°C) for optimum performance even in hot climates. For cold climates, add many of the factory installed options like the cold weather package or battery charger, etc.
- Easy to use keypad for service diagnostics; engine diagnostic codes display on the LCD readout simplifying engine troubleshooting, fuel consumption, percentage load, kW per hour and other data available.
- Also available, heavy-duty, dual axle trailers with aluminum diamond plate fenders are road ready with DOT lighting, chains height adjustable coupler and choice of surge or

electric brakes.

## G120 Technical specifications

	G120 (T3)	G120 (T4i)	G120 (T3) 600V- Canada Only
<b>Dimensions</b>			
L x W x H Operating (Skid) in	110 x 45 x 64.5	110 x 45 x 66.3	110 x 45 x 64.5
L x W x H Shipping (Skid) in	113 x 47.5 x 76.6	113 x 47.5 x 78.4	113 x 47.5 x 76.6
L x W x H Shipping/Operating (Trailer) in	176 x 80 x 90	176 x 80 x 90	176 x 80 x 90
<b>Weights</b>			
Weight Dry (Skid) lb	4,725	4,830	4,855
Weight Operating (Skid) lb	6,163	6,268	6,293
Weight Shipping (Skid) lb	4,912	5,017	5,042
Weight Operating (Trailer) lb	7,533	7,638	7,663
Weight Shipping (Trailer) lb	6,095	6,200	6,225
<b>Operating data</b>			
Trailer coupling Type	Pintle	Pintle	Pintle
Standby output kW	106	106	106
Prime output kW	96	96	96
Voltage 3 Phase V	240/480	240/480	240/480/600
Current 3 Phase (Prime) A	289/145	289/145	281/144/115
Current 1 Phase (Prime) A	120/240	120/240	120/240
Voltage 3 Phase V	208, 220, 240, 416, 440, 480	208, 220, 240, 416, 440, 480	208, 220, 240, 416, 440, 480, 600
Voltage 1 Phase V	120, 127, 139, 240, 254, 277	120, 127, 139, 240, 254, 277	120, 127, 139, 240, 254, 277, 346
Circuit breaker (Main) A	350	350	350
Frequency Hz	60	60	60
Power factor 1 Phase cos $\Phi$ 1~	1	1	1
Power factor 3 Phase cos $\Phi$ 3~	0.8	0.8	0.8
Sound level (LwA) at Prime (23 ft / 7 m) dB(A)	70.6	69.8	70.6
Receptacles -20 Amp GFI Duplex	2	2	2
Receptacles -50 Amp Twist Lock	3	3	3
<b>Engine / Motor</b>			
Engine / Motor	Liquid-Cooled, 4 Cylinders	Liquid-Cooled, 4 Cylinders	Liquid-Cooled, 4 Cylinders
Engine / Motor manufacturer	John Deere	Cummins	John Deere
Emissions Certified	Tier 3	Tier 4i	Tier 3
Displacement in <sup>3</sup>	275	272	275
Operating performance ISO 3046 hp		173	
Operating performance SAE J1995, ISO 8528-1 hp	158		158
at rpm rpm	1,800	1,800	1,800
Coolant Capacity US qt	23.8	36	23.8

	G120 (T3)	G120 (T4i)	G120 (T3) 600V- Canada Only
Engine oil Capacity US qt	15.9	15.3	15.9
Fuel type	Diesel	Diesel	Diesel
Fuel consumption (Prime Load) US gal/h	7.4	7	7.4
Tank capacity -Fuel US gal	199.8	199.8	199.8
Quantity (Battery)	1	2	1
Battery V	12	12	12
Generator model	Mecc Alte, Brushless w/AVR	Mecc Alte, Brushless w/AVR	Mecc Alte, Brushless w/AVR
Voltage control No Load to Full Load +/- %	1	1	1
Voltage control Steady State +/- %	0.2	0.2	0.2
Generator insulation (class)	H	H	H
Frequency (Generator Speed) Hz	60	60	60
Runtime at 100% Prime Load h	24.8	26.3	24.8
Runtime at 75% Prime Load h	31	33.4	31
Runtime at 50% Prime Load h	43.4	45.3	43.4
Runtime at 25% Prime Load h	81.5	69.2	81.5

Please note: that product availability can vary from country to country. It is possible that information / products may not be available in your country. More detailed information on engine power can be found in the operator's manual; the stated power may vary due to specific operating conditions. Subject to alterations and errors excepted. Applicable also to illustrations.  
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