

A Tradition Of Reliability And Innovation

Mobile Power When and Where You Need It



Mobile Flip-Hood Generators

Model MMG 45 (shown) (Pages 4–7)

Advanced Features

- Patented Flip-Hood/Flip-Tongue Design
- Steel Skid Frame and Trailer
- Models with Full Load Run Times Up to 40 Hours
- Durable Industrial Powder Coat Finish

Mobile Generators

Model MMG 75 (shown) (Pages 4–7)

Advanced Features

- Patented Front Flip-Hood Design (MMG75 & MMG100 IT4 only)
- Steel Skid Frame and Trailer
- Aluminum Enclosure, Durable Industrial Power Coat Finish
- Models with Full Load Run times in Excess of 24 Hours
- Detachable Generator-Set and Trailer



Mobile Lite Generators

Model MLG 25 (shown) (Pages 2–3)

Advanced Features

- Full Tubular Steel Frame
- Durable Powder Coat Finish
- Up to 48 Hours Full Load Run Time
- External Convenience Outlets with MLG 15, MLG 20, MLG 25

For more information:

Call: 1-800-926-9768 Local: 920-361-4442 Fax: 920-361-2214 Visit: www.generac.com

Cost Effective Solution for Mobile Power

GENERAC®
MOBILEPOWER



MLG 8



MLG 20 (shown)
Also Available: MLG 15, MLG 25

Mobile Lite Generators

Tough

- Steel, lockable enclosure
- Full tubular steel frame
- Durable powder coat finish
- Stainless steel exterior hardware

Easy to Use

- Self-priming engines
- External convenience outlets with MLG 15, MLG 20, MLG 25
- Individual breakers
- External emergency stop switch
- Three phase models also have voltage selector switch, lugs and lug box safety switch, and automatic remote start

Reliable

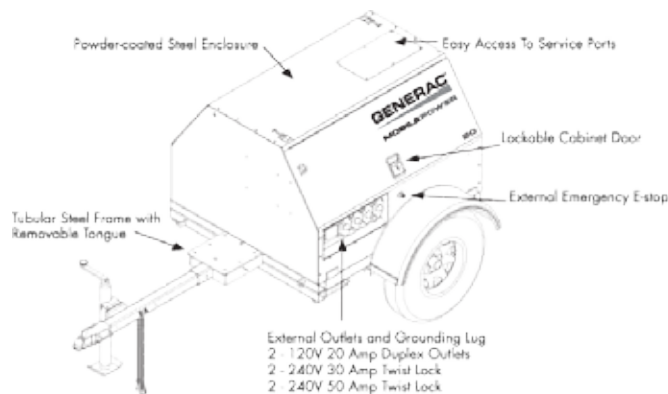
- Key switch on single phase models
- Microprocessor on three phase model
- Low oil/high temp shutdowns
- Start limit main breaker (single phase only)
- Up to 48 hours full load run time
- 2 year 2,000 hour warranty
- Voltage regulation within +/- 1%

Options

- Lower Radiator Hose Heater *
- 60/40 Coolant *
- 720 CCA Gel Cell Battery *
- 775 CCA AGM Sealed Battery*
- Liquid Containment – Quiet Pack
- Battery Disconnect
- Battery Charger
- Central Lift Point
- Configured Outlet Panel
- Outrigger Package
- Skid-Mounted
- Heated Fuel Filter *
- Combo Hitch – 2.5” Ring/ 2” Ball
- Pintle Ring Hitch 2.5” or 3” Ring

* COLD WEATHER PACKAGE OPTIONS

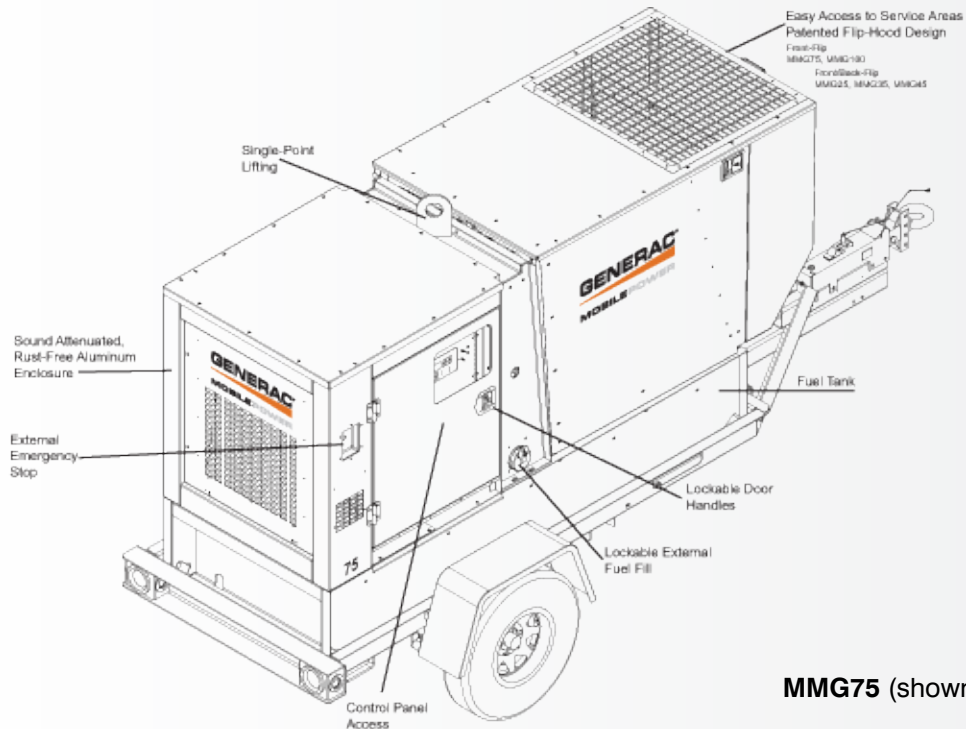
Mobile lite generators are reliable and easy to use. Undeniably tough with rugged, powder coated tubular steel frames, automatic safety shutdowns, large fuel tanks, multiple convenience outlets and user friendly controls, the MLG line of generators offers an economical power investment.



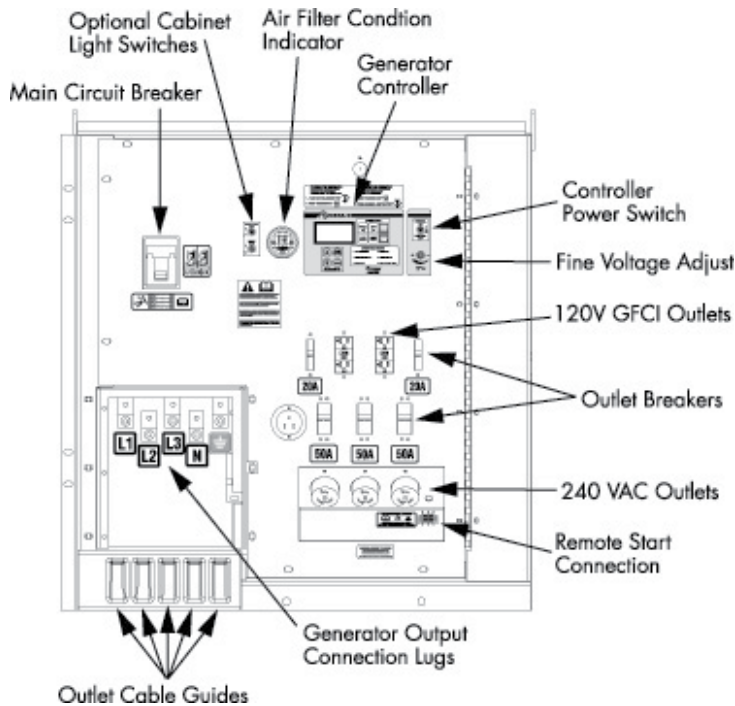
Lite Generator Specifications

Model	MLG 8	MLG 15	MLG 20	MLG 25
Output				
3 Phase - Standby (kW/kVA)	NA	NA	NA	20 / 25
Amps (480/208 V)	NA	NA	NA	30 / 69
3 Phase - Prime (kW/kVA)	NA	NA	NA	18 / 23
Amps (480/208 V)	NA	NA	NA	28 / 64
1 Phase - Standby (kW/kVA)	9 / 9	14 / 14	20 / 20	16 / 16
Amps (240V)	37	58	83	67
1 Phase - Prime (kW/kVA)	8.1 / 8.1	13 / 13	19 / 19	15 / 15
Amps	33	54	79	63
AC Voltage 1-phase	120, 240	120, 240	120, 240	120, 139, 208, 220, 240, 277
AC Voltage 3-phase	NA	NA	NA	208, 220, 440, 480
Frequency Hz	60	60	60	60
Power Factor	1.0 (1Ø)	1.0 (1Ø)	1.0 (1Ø)	1.0 (1Ø) / .8 (3Ø)
Generator (Brand/Type/Insulation)	Marathon/Brushless/F	Marathon/Brushless/F	Marathon/Brushless/F	Marathon/Brushless/H
Sound (dB(A) 23 Feet @ prime)	70	68	68	68
CSA Listed	Yes	Yes	Yes	Yes
Size and Weight				
Skid Mounted (l x w x h) in	NA	NA	NA	NA
Dry Weight lb (kg)	NA	NA	NA	NA
Operating Weight lb (kg)	NA	NA	NA	NA
Trailer Mounted (l x w x h) (in)	105 x 68 x 56	105 x 68 x 56	105 x 68 x 56	105 x 68 x 56
Dry Weight lb (kg)	1030 (467)	1425 (646)	1455 (660)	1640 (744)
Operating Weight lb (kg)	1250 (567)	1823 (827)	1853 (841)	2038 (924)
Engine	Tier 4	Tier 4	Interim Tier 4	Interim Tier 4
Brand	Kubota D1105	Mitsubishi	Isuzu	Isuzu
Aspiration	Natural	Natural	Natural	Natural
HP (prime @ 1800rpm) (kW)	13.5 (10.1)	22.3 (16.6)	32.1 (23.9)	32.1 (23.9)
Displacement in³ (L)	68.53 (1.12)	107 (1.8)	134 (2.2)	134 (2.2)
Cylinders	3	4	4	4
Speed (rpm)	1800	1800	1800	1800
Fuel Consumed prime gph (Lph)	0.70 (2.65)	1.3 (4.92)	1.8 (6.81)	1.8 (6.81)
Battery (12 volt)	1-12V/440 CCA	1-12V/440 CCA	1-12V/720 CCA	1-12V/720 CCA
Capacities				
Fuel Tank gal (L)	30 (114)	56 (212)	56 (212)	56 (212)
Approximate Run Time hrs	43	43	31	31
AC Distribution				
Main Breaker	40	70	100	90
Voltage Selection	N/A	N/A	N/A	3 Position Switch (lockable)
Voltage Regulation	+/-1%	+/-1%	+/-1%	+/-1%
120V - 20 amp GFCI Duplex	2	2	2	2
240V - 30 amp Twist Lock	1	2	2	2
240V - 50 amp Twist Lock	—	2	2	2
Trailer				
Number of Axles & Capacity lbs (kg)	1-2200 (998)	1 - 2200 (998)	1 - 2200 (998)	1 - 2200 (998)
Tire Size (in)	13	15	15	15
Brakes	N/A	N/A	N/A	N/A
Hitch – Standard	2" Ball	2" Ball	2" Ball	2" Ball

MMG 25 – MMG 465



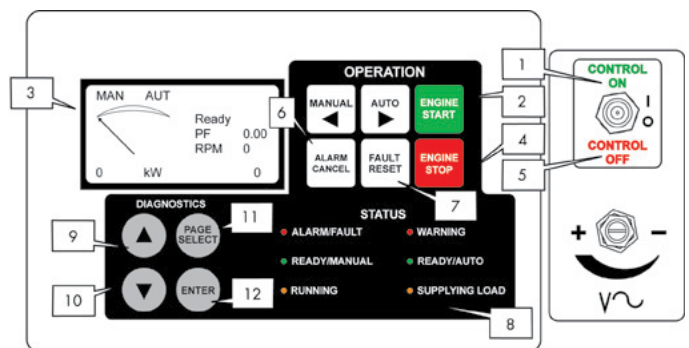
MMG75 (shown)



Control Panel Features

Digital Controller Enhanced Operation and Diagnostic Display

Generator Controller



- | | |
|-----------------------------|-----------------|
| 1. Control Power Switch/ON | 2. Engine Start |
| 3. LCD Display | 4. Engine Stop |
| 5. Control Power Switch/OFF | 6. Alarm Cancel |
| 7. Fault Reset | 8. LED's |
| 9. UP | 10. DOWN |
| 11. Page Select | 12. Enter |

Mobile Power When and Where You Need It

GENERAC[®]
MOBILE POWER

MMG 35 (shown)
Also Available: MMG 25,
MMG 45



Flip-hood/flip-tongue Mobile Generators

Standard flip-hood design provides easy open access flip-hoods for routine maintenance and full service, and a large control panel access with centralized location of all electrical connections and wiring. The flip-tongue design permits cross trailer loading for truckload savings as well as added theft prevention on site.

(Four door enclosure is available, call factory for details)

MMG 75 (shown)

Also Available: MMG 100, MMG 120,
MMG 130, MMG 150, MMG 175, MMG 185,
MMG 205, MMG 235, MMG 320, MMG 330,
MMG 405, MMG 465

Mobile Generators

Tough

- Aluminum, lockable enclosure
- Steel skid frame and trailer
- Durable industrial powder coat finish
- Stainless steel exterior hardware

Reliable

- Advanced microprocessor
- Voltage regulation within +/- 1%
- Models with full load run times in excess of 24 hours
- Air filter condition indicator
- Low coolant shutdown
- 2 year 2,000 hour warranty

Easy to Use

- Voltage selector switch
- Lugs and lug box safety switch
- Multiple convenience outlets
- External emergency stop switch
- External, lockable fuel cap
- Automatic remote start
- Detachable generator-set and trailer
- Fuel tank integrated into generator-set

Options

- Engine Heater *
- 60/40 Coolant *
- Clutch Fan *
- SUPERSTART Generator
- Battery Disconnect
- Battery Charger
- Buck Transformer Kit
- 4 Position Phase Switch
- Analog Gauges
- Cam Locks
- Heated Fuel Filter *
- Adjustable Air Ducting *
- Double Wall Fuel Tank
- 36 Hour Full-Load Fuel Tank
- Liquid Containment *
- Interior Cabinet Light
- Control Panel Light
- Hitch – 2 5/16" Ball or 3" Ring
- Brakes – Electric
- Tandem Axle Trailers

* COLD WEATHER PACKAGE OPTIONS

Mobile generator sets offer a wide range of power output choices from single phase 16kW – to three phase 408kW. The advanced digital controller of the genset provides simple push-button operation and easy-read system information enhancing diagnostic capabilities. The integrated large capacity fuel tanks are essential on remote site locations for reliable performance around the clock.

Flip-hood Design Standard

Model MMG 35 (shown)
Also Available: MMG 25, MMG 45

Mobile Generator Specifications

Model MMG 130



Model	MMG 25	MMG 35	MMG 45	MMG 75	MMG 100 IT4	MMG 100 T3
Output						
3 Phase - Standby (kW/kVA)	20 / 25	29 / 36	35 / 44	69 / 86	86 / 107	86 / 107
Amps (480/208 V)	30 / 69	43 / 100	53 / 122	103 / 239	129 / 297	129 / 297
3 Phase - Prime (kW/kVA)	18 / 23	26 / 33	33 / 41	62 / 77	78 / 98	78 / 98
Amps (480/208 V)	28 / 64	40 / 92	49 / 114	93 / 214	118 / 272	118 / 272
1 Phase - Standby (kW/kVA)	16 / 16	26 / 26	33 / 33	60 / 60	75 / 75	75 / 75
Amps (240V)	67	108	138	250	313	313
1 Phase - Prime (kW/kVA)	15 / 15	25 / 25	30 / 30	56 / 56	71 / 71	71 / 71
Amps	63	104	125	233	296	296
AC Voltage 1-phase	120, 139, 208, 220, 240, 277		120, 139, 208, 220, 240, 277		120, 139, 208, 220, 240, 277	
AC Voltage 3-phase	208, 220, 440, 480		208, 220, 440, 480		208, 220, 440, 480	
Frequency Hz	60	60	60	60	60	60
Power Factor	1 (1Ø), 0.8 (3Ø)	1 (1Ø), 0.8 (3Ø)	1 (1Ø), 0.8 (3Ø)	1 (1Ø), 0.8 (3Ø)	1.0 (1Ø), .8 (3Ø)	1.0 (1Ø), .8 (3Ø)
Generator (Brand/Type/Insulation)	Marathon/Brushless/H		Marathon/Brushless/H		Marathon/Brushless/H	
Sound (dB(A) 23 Feet @ prime)	66	68	68	68	68	68
CSA Listed	Yes	Yes	Yes	Yes	Pending	Yes
Size and Weight						
Skid Mounted (l x w x h) in	95 x 35 x 52	95 x 35 x 52	95 x 35 x 52	101 x 40 x 68	101 x 40 x 68	96 x 38 x 62
Dry Weight lb (kg)	2048 (929)	2020 (916)	2329 (1056)	3530 (1600)	3790 (1719)	3402 (1543)
Operating Weight lb (kg)	2517 (1142)	2475 (1123)	3082 (1398)	4700 (2131)	4740 (2150)	4361 (1978)
Trailer Mounted (l x w x h) (in)	150 x 57 x 67	150 x 57 x 67	150 x 57 x 67	166 x 62 x 84	166 x 62 x 84	158 x 60 x 84
Dry Weight lb (kg)	2289 (1038)	2540 (1152)	2853 (1294)	4240 (1923)	4480 (2032)	4104 (1860)
Operating Weight lb (kg)	2758 (1251)	2990 (1356)	3606 (1636)	5410 (2454)	5440 (2468)	5062 (2296)
Engine	Interim Tier 4	Interim Tier 4	Interim Tier 4	Interim Tier 4	Interim Tier 4	Tier 3 Flex
Brand	Isuzu	John Deere	Kubota	John Deere	John Deere	John Deere
Model #	4LE1NYGV	PE4024TF281	V3600-T-E3BG	PE4045HFG92	PE4045HFG92	PE4045HF285
Aspiration	Natural	Turbo	Turbo	Turbo	Turbo	Turbo
HP (prime @ 1800rpm) (kW)	32 (24)	43 (32)	53 (39)	97 (72)	121 (90)	122 (91)
Displacement in ³ (L)	134 (2.2)	149 (2.4)	221 (3.6)	274 (4.5)	275 (4.5)	274 (4.5)
Cylinders	4	4	4	4	4	4
Speed (rpm)	1800	1800	1800	1800	1800	1800
Fuel Consumed prime gph (Lph)	1.8 (6.8)	2.6 (9.8)	3.0 (11.4)	4.78 (18.1)	6.2 (23.5)	6.2 (23.5)
Battery (12 volt)	1 - 12V/720 CCA	1 - 12V/720 CCA	1 - 12V/720 CCA	1 - 12V/720 CCA	1 - 12V/720 CCA	1 - 12V/720 CCA
Capacities						
Fuel Tank gal (L)	106 (401)	106 (401)	106 (401)	165 (625)	165 (625)	147 (556)
Approximate Run Time hrs	45.4	36.9	31	31	24.4	22
AC Distribution						
Main Breaker	90	125	200	300	400	400
Voltage Selection	3 Position Switch (Lockable)		3 Position Switch (Lockable)		3 Position Switch (Lockable)	
Voltage Regulation	+/- 1%	+/-1%	+/- 1%	+/- 1%	+/- 1%	+/- 1%
120V - 20 amp GFCI Duplex	2	2	2	2	2	2
240V - 30 amp Twist Lock	NA	NA	NA	NA	NA	NA
240V - 50 amp Twist Lock	2	2	2	3	3	3
Trailer						
# of Axles & Capacity lbs (kg)	1 - 3500 (1588)	1 - 3500 (1588)	1 - 5000 (2268)	1 - 6000 (2722)	1 - 6000 (2722)	1 - 6000 (2722)
Tire Size (in)	15	15	15	15	15	15
Brakes	None	Surge	Surge	Surge	Surge	Surge
Hitch – Standard	2" Ball	2" Ball	2" Ball	3" Ring	3" Ring	3" Ring

Specifications or designs are subject to change without notice.

Specifications for the four door enclosure design may vary from those listed above. Call factory for details

Model MMG 175



Mobile Generator Specifications

Model	MMG 120	MMG 130	MMG 150	MMG 175	MMG 185
Output					
3 Phase - Standby (kW/kVA)	102 / 127	107 / 134	127 / 159	153 / 191	177 / 221
Amps (480/208 V)	153 / 353	161 / 372	191 / 441	230 / 530	266 / 613
3 Phase - Prime (kW/kVA)	93 / 116	98 / 122	116 / 145	138 / 172	162 / 202
Amps (480/208 V)	147 / 339	149 / 339	174 / 402	207 / 477	243 / 561
1 Phase - Standby (kW/kVA)	91 / 91	96 / 96	114 / 114	125 / 125	151 / 151
Amps (240V)	379	400	475	521	629
1 Phase - Prime (kW/kVA)	85 / 85	90 / 90	106 / 106	120 / 120	137 / 137
Amps	354	375	442	500	571
AC Voltage 1-phase	120, 139, 208, 220, 240, 277		120, 139, 208, 220, 240, 277		120, 139, 208, 220, 240, 277
AC Voltage 3-phase	208, 220, 440, 480		208, 220, 440, 480		208, 220, 440, 480
Frequency Hz	60	60	60	60	60
Power Factor	1 (1Ø), 0.8 (3Ø)	1 (1Ø), 0.8 (3Ø)	1 (1Ø), 0.8 (3Ø)	1 (1Ø), 0.8 (3Ø)	1 (1Ø), 0.8 (3Ø)
Generator (Brand/Type/Insulation)	Marathon/Brushless/H	Marathon/Brushless/H	Marathon/Brushless/H	Marathon/Brushless/H	Marathon/Brushless/H
Sound (dB(A) 23 Feet @ prime)	68	68	68	68	68
CSA Listed	Yes	Pending	Yes	Yes	Pending
Size and Weight					
Skid Mounted (l x w x h) in	132 x 50 x 77	144 x 50 x 77	132 x 50 x 77	144 x 50 x 77	132 x 50 x 77
Dry Weight lb (kg)	5429 (2463)	5444 (2469)	5944 (2696)	6604 (2996)	6510 (2953)
Operating Weight lb (kg)	7914 (3590)	7929 (3596)	8500 (3856)	9032 (4097)	9100 (4128)
Trailer Mounted (l x w x h) (in)	210 x 86 x 93	210 x 86 x 93	210 x 86 x 93	210 x 86 x 93	210 x 86 x 93
Dry Weight lb (kg)	6825 (3096)	6840 (3102)	7340 (3329)	8000 (3629)	8450 (3833)
Operating Weight lb (kg)	9310 (4223)	9325 (4230)	9896 (4489)	10428 (4730)	11040 (5008)
Engine	Tier 3 Flex	Interim Tier 4	Tier 3 Flex	Interim Tier 4	Tier 3 Flex
Brand	John Deere	John Deere	John Deere	John Deere	John Deere
Model #	PE4045HF285	PE4045HFG93	PE4045HF285	PE6068HFG94	PE6068HF485
Aspiration	Turbo	Turbo	Turbo	Turbo	Turbo
HP (prime @ 1800rpm) (kW)	144 (107)	152 (113)	179 (134)	217 (162)	258 (193)
Displacement in ³ (L)	275 (4.5)	275 (4.5)	275 (4.5)	415 (6.8)	415 (6.8)
Cylinders	4	4	4	6	6
Speed (rpm)	1800	1800	1800	1800	1800
Fuel Consumed prime gph (Lph)	7.4 (28)	7.4 (28.0)	8.5 (32.3)	10.9 (41.3)	12.3 (46.6)
Battery (12 volt)	1-12V/1000 CCA	1-12V/1000CCA	1-12V/1000 CCA	1-12V/1000 CCA	1-12V/1000 CCA
Capacities					
Fuel Tank gal (L)	342 (1295)	342 (1295)	342 (1295)	342 (1295)	342 (1295)
Approximate Run Time hrs	44	44	36	29	25
AC Distribution					
Main Breaker	450	450	600	700	700
Voltage Selection	3 Position Switch (lockable)		3 Position Switch (lockable)		3 Position Switch (lockable)
Voltage Regulation	+/-1%	+/-1%	+/-1%	+/-1%	+/-1%
120V - 20 amp GFCI Duplex	2	2	2	2	2
240V - 30 amp Twist Lock	NA	NA	NA	NA	NA
240V - 50 amp Twist Lock	3	3	3	3	3
Trailer					
# of Axles & Capacity lbs (kg)	2 - 6000 (2722)	2 - 6000 (2722)	2 - 6000 (2722)	2 - 6000 (2722)	2 - 7000 (3175)
Tire Size (in)	16	16	16	16	16
Brakes	Surge	Surge	Surge	Surge	Surge
Hitch – Standard	3" Ring	3" Ring	3" Ring	3" Ring	3" Ring

Specifications or designs are subject to change without notice.

Limited availability of Tier 3 Flex engines – Call for Details



Model MMG 320

MMG 185	MMG 205	MMG 235	MMG 320	MMG 330	MMG 405	MMG 465
177 / 221	174 / 217	204 / 255	278 / 348	290 / 363	358 / 447	408 / 510
266 / 613	261 / 602	307 / 708	419 / 966	437 / 1008	538 / 1241	613 / 1416
162 / 202	164 / 205	186 / 233	256 / 320	263 / 329	326 / 408	373 / 466
243 / 561	247 / 569	280 / 647	385 / 888	396 / 913	491 / 1132	561 / 1293
151 / 151	155 / 155	N/A	NA	NA	NA	N/A
629	646	N/A	NA	NA	NA	N/A
137 / 137	142 / 142	N/A	NA	NA	NA	N/A
571	592	N/A	NA	NA	NA	N/A
120, 139, 208, 220, 240, 277		NA	NA	NA	NA	N/A
208, 220, 440, 480		208, 480	208, 480	208, 480	208, 480	208/480
60	60	60	60	60	60	60
1 (1Ø), 0.8 (3Ø)	1 (1Ø), 0.8 (3Ø)	0.8 (3Ø)	0.8 (3Ø)	0.8 (3Ø)	0.8 (3Ø)	0.8 (3Ø)
Marathon/Brushless/H	Marathon/Brushless/H	Marathon/Brushless/H	Marathon/Brushless/H	Marathon/Brushless/H	Marathon/Brushless/H	Marathon/Brushless/H
68	68	68	68	68	68	68
Pending	Pending	Yes	Yes	Pending	Yes	Pending
132 x 50 x 77	144 x 50 x 77	132 x 50 x 77	156 x 60 x 90	171 x 60 x 90	175 x 60 x 96	175 x 60 x 96
6510 (2953)	6624 (3005)	6510 (2953)	8039 (3646)	9447 (4285)	12680 (5752)	12690 (5756)
9100 (4128)	9052 (4106)	9100 (4128)	11499 (5215)	12907 (5854)	17115 (7763)	17125 (7768)
210 x 86 x 93	210 x 86 x 93	210 x 86 x 93	230 x 102 x 110	230 x 102 x 110	250 x 102 x 116	250 x 102 x 116
8450 (3833)	8020 (3638)	8450 (3833)	10912 (4949)	12320 (5588)	15930 (7226)	15940 (7230)
11040 (5008)	10448 (4739)	11040 (5008)	14372 (6519)	15780 (7158)	20365 (9237)	20375 (9241)
Tier 3 Flex	Interim Tier 4	Tier 3 Flex	Tier 3 Flex	Interim Tier 4	Tier 3 Flex	Tier 3 Flex
John Deere	John Deere	John Deere	John Deere	John Deere	John Deere	John Deere
PE6068HF485	PE6068HFG95	PE6068HF485	RG6090HF485	PE6090HFG95	RG6135HF485	RG6135HF485
Turbo	Turbo	Turbo	Turbo	Turbo	Turbo	Turbo
258 (193)	252 (188)	286 (213)	384 (287)	396 (295)	489 (365)	561 (419)
415 (6.8)	415 (6.8)	415 (6.8)	548 (9)	549 (9.0)	824 (13.5)	824 (13.5)
6	6	6	6	6	6	6
1800	1800	1800	1800	1800	1800	1800
12.3 (46.6)	12.8 (48.5)	15.2 (57.5)	17.9 (67.8)	18.7 (70.8)	21.1 (79.9)	26.3 (99.6)
1-12V/1000 CCA	1-12V/1000 CCA	1-12V/1000 CCA	2-12V/1000 CCA	2-12V/1000 CCA	24V (2-12V)/1000 CCA	24V (2-12V)/1000 CCA
342 (1295)	342 (1295)	342 (1295)	459 (1738)	459 (1738)	616 (2332)	616 (2332)
25	24	21	24	23	29	29
700	800	800	1200	1200	1600	1600
3 Position Switch (lockable)		Link/Reconnect Board	Link/Reconnect Board	Link/Reconnect Board	Link/Reconnect Board	Link/Reconnect Board
+/-1%	+/-1%	+/-1%	+/- 1%	+/-1%	+/-1%	+/-1%
2	2	2	2	2	2	2
NA	NA	NA	NA	NA	NA	NA
3	3	3	3	3	3	3
2 - 7000 (3175)	2 - 6000 (2722)	2 - 7000 (3175)	2 - 8000 (3629)	2 - 8000 (3629)	3 - 8000 (3629)	3 - 8000 (3629)
16	16	16	17.5	17.5	17.5	17.5
Surge	Surge	Surge	Electric	Electric	Electric	Electric
3" Ring	3" Ring	3" Ring	3" Ring	3" Ring	3" Ring	3" Ring

Understanding Interim Tier 4 Emissions Compliance Without Sacrificing Performance

Why the change? New federal emissions regulations require a 90% reduction in particulate matter and a 50% drop in nitrogen oxides.

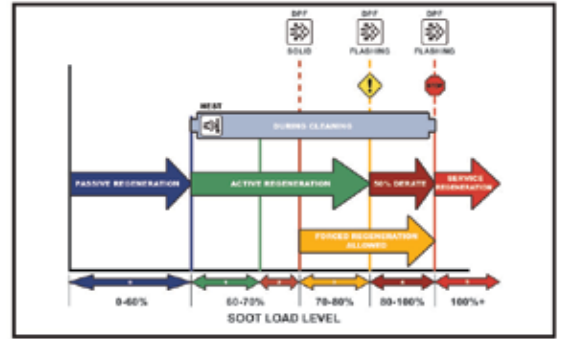
How do new engines meet these stringent requirements?

Engines 75hp and above use a catalyzed exhaust filter that contains a Diesel Oxidation Catalyst (DOC) and a Diesel Particulate Filter (DPF). Under normal operating conditions, the DOC reacts with exhaust gases to reduce carbon monoxide, hydrocarbons, and some particulate matter. The downstream DPF forces exhaust gases to flow through porous channel walls, trapping and holding the remaining particulate matter (soot). The trapped particles are eventually oxidized through a cleaning process called Regeneration.

What is Passive Regeneration? Passive Regeneration is a natural cleaning process that occurs when the temperature, load and speed produce exhaust heat that oxidizes the particulate matter in the DPF under normal operating conditions and turns it to ash.

What is Active Regeneration? If Passive Regeneration cannot be achieved due to low temperature, load, or speed, the engine will automatically adjust to increase the exhaust temperature to oxidize the particulate matter. This is done by tuning the amount of air intake, adjusting injection timing, and injecting a small quantity of fuel into the exhaust stream. An Active Regeneration usually takes about a half an hour to complete.

Regeneration Operator Interface



What does the inhibit switch do? The inhibit switch prevents the engine from performing an Active Regeneration. The switch should only be used for special locations where high exhaust temperatures would be a danger. For most applications the switch should be left in the auto Position.

What is a Forced Regeneration? After operating with the inhibit switch on it may be necessary to manually tell the engine to perform a regeneration. Holding the inhibit switch up for 5 seconds will force an Active Regeneration to occur.

How long will a DPF last? John Deere DPF filters are designed to operate for at least 5000 hours before needing removal for cleaning out accumulated ash. Some field units have experienced 7000 hours or more before requiring service.

EPA Compliance Without Sacrificing Performance

Generac Mobile Power generators meet the new federal emissions regulations without sacrificing power and reliable performance. Powered by EPA compliant Interim Tier 4 engines; the mobile generators 75hp and above use a catalyzed exhaust filter containing a Diesel Oxidation Catalyst (DOC) and a Diesel Particulate Filter (DPF) to reduce carbon monoxide, hydrocarbons and particulate matter.

Diesel Particulate Filter (DPF) System

Catalyzed Exhaust Filter

Diesel Particulate Filter (DPF)

Remaining particulate matter entrapped in the DPF are oxidized through a continuous cleaning process called passive regeneration



Diesel Oxidation Catalyst (DOC)

is part of the DPF system where exhaust gases are transformed to reduce carbon monoxide, hydrocarbons, and some particulate matter

Diesel exhaust with heavy particulate matter goes in

Cleaner diesel exhaust with lower particulate matter comes out



A Tradition of Reliability and Innovation

For over 50 years Generac Power Systems has set the standards as a leader in the power generation industry for innovative design and premium manufacturing. Developing products that are both reliable and durable has been and continues to be a main focus for our product design.

The Generac Mobile Power line of generators exemplifies our ongoing commitment to reliability and innovation. The new diesel-powered mobile generators provide power for remote site locations and critical auxiliary power with the strength of mobility.

Dependable power; when and where you need it.



MLG 25 (shown)

Mobile Lite Generator

Single phase 9kW – 20kW

MLG 8, MLG 15, MLG 20

Single phase 15kW – Three phase 20kW

MLG 25

Mobile lite generators provide cost effective solutions for mobile power; ideal for remote powering jobsite trailers, construction and industry sites, emergency back-up power for gas/fuel stations, office or retail facilities, and power outages due to weather storms.

Mobile Generators

MMG Power Output Range:

Single phase 16kW – Three phase 408kW

Mobile generators provide onsite power for construction and industry, mining, gas and oil field operations, entertainment and sporting events, municipalities, back-up or auxiliary power for schools, businesses, laboratories, hospitals, care centers and utility power during peak power needs.



MMG 175 (shown)

For more information:

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