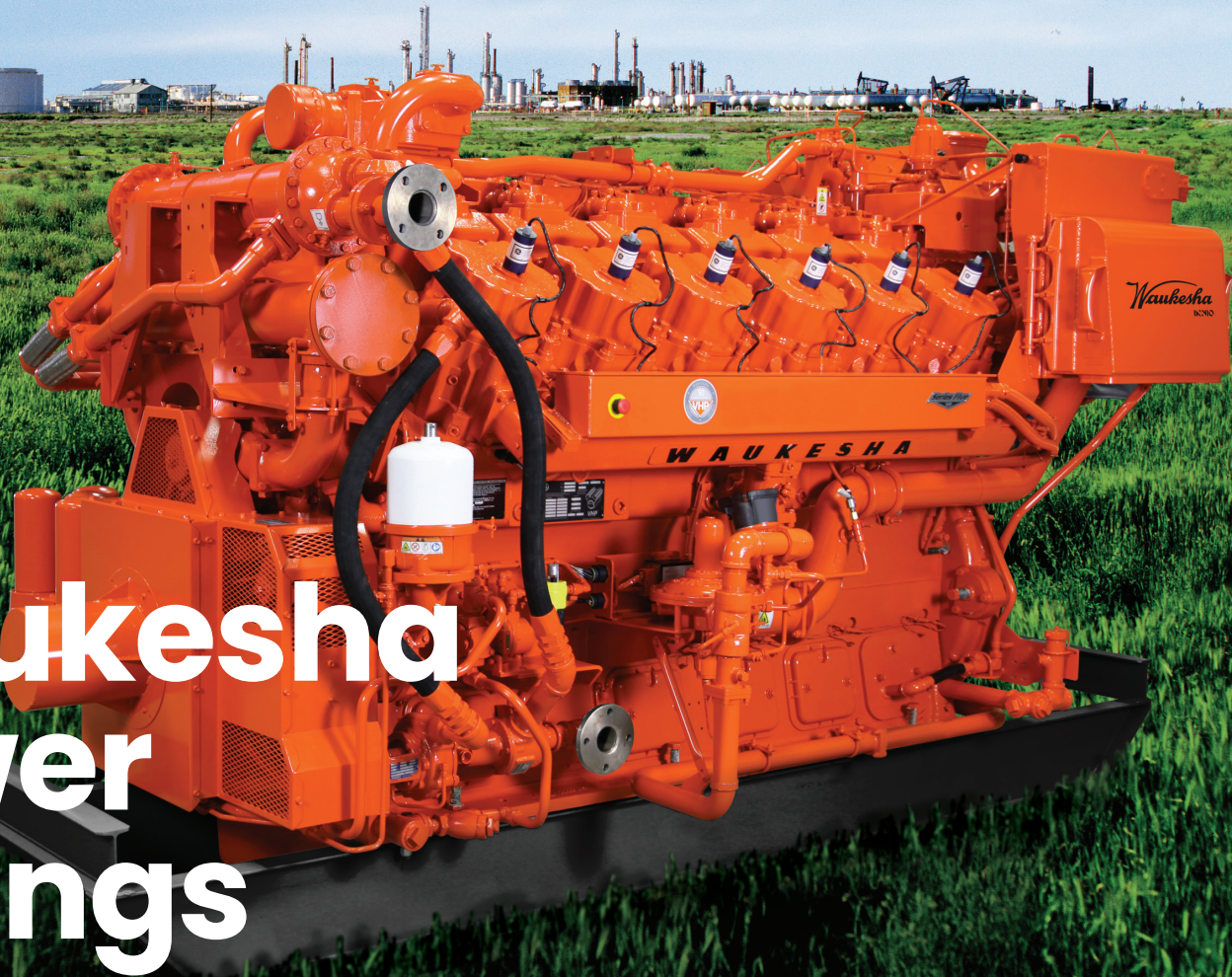


Waukesha

Waukesha Power Ratings



Gas Compression & Mechanical Drives

Waukesha* Natural Gas Fueled Engines (Continuous Duty)

| 275GL*+ | | | | 750 rpm | 800 rpm | 900 rpm | 1000 rpm |
|--------------------------------|-------------------------------------|----------------------------------|------|-----------|-----------|-----------|-----------|
| Model | Disp. | Bore & Stroke | C.R. | bhp kWb | bhp kWb | bhp kWb | bhp kWb |
| 16V275GL+ with ESM2 | 17,398 in ³ (285 L) | 10.83 x 11.81" (275 x 300 mm) | 9:1 | 3750 2796 | 4000 2983 | 4500 3356 | 5000 3729 |
| 12V275GL+ with ESM2 | 13,048 in ³ (213.9 L) | 10.83 x 11.81" (275 x 300 mm) | 9:1 | 2812 2097 | 3000 2237 | 3375 2517 | 3750 2796 |
| 16V275GL+ with ESM2, Fuel Flex | 17,398 in ³ (285 L) | 10.83 x 11.81" (275 x 300 mm) | 8:1 | 3750 2796 | 4000 2983 | 4500 3356 | 5000 3729 |
| 12V275GL+ with ESM2, Fuel Flex | 13,048 in ³ (213.9 L) | 10.83 x 11.81" (275 x 300 mm) | 8:1 | 2812 2097 | 3000 2237 | 3375 2517 | 3750 2796 |

| VHP* | | | | 800 rpm | 900 rpm | 1000 rpm | 1200 rpm |
|-------------|-----------------------------------|--------------------------------|--------|------------------------------------|------------------------------------|-------------------------------------|-------------------------------------|
| Model | Disp. | Bore & Stroke | C.R. | bhp kWb | bhp kWb | bhp kWb | bhp kWb |
| P9394GSI S5 | 9388 in ³ (153.9 L) | 9.375 x 8.5" (238 x 216 mm) | 9.7:1 | — — | 1875 1398 | 2083 1554 | 2500 1864 |
| L7044GSI S5 | | | 9.7:1 | — — | 1425 1063 | 1583 1181 | 1900 1417 |
| L7044GSI | 7040 in ³ (115.4 L) | 9.375 x 8.5" (238 x 216 mm) | 8:1 | 1120 ¹ 835 ¹ | 1260 ¹ 940 ¹ | 1400 ¹ 1044 ¹ | 1680 ¹ 1253 ¹ |
| L7042GSI S5 | | | 9.7:1 | — — | 1125 839 | 1250 932 | 1500 1119 |
| L7042GSI S4 | | | 8:1 | 987 ¹ 736 ¹ | 1110 ¹ 828 ¹ | 1233 ¹ 920 ¹ | 1480 ¹ 1104 ¹ |
| L5794GSI | | | 8.2:1 | 920 ¹ 686 ¹ | 1035 ¹ 772 ¹ | 1150 ¹ 858 ¹ | 1380 ¹ 1029 ¹ |
| L5794LT | 5788 in ³ (94.9 L) | 8.5 x 8.5" (216 x 216 mm) | 10.2:1 | 614 ⁵ 458 ⁵ | 1005 ⁵ 749 ⁵ | 1208 901 | 1450 1081 |
| L5774LT | | | 10.2:1 | 614 ⁵ 458 ⁵ | 934 ⁵ 696 ⁵ | 1067 795 | 1280 954 |
| F3524GSI | 3520 in ³ (57.7 L) | 9.375 x 8.5" (238 x 216 mm) | 8:1 | 560 ¹ 418 ¹ | 630 ¹ 470 ¹ | 700 ¹ 522 ¹ | 840 ¹ 626 ¹ |
| F3514GSI | | | 8:1 | 493 ¹ 368 ¹ | 555 ¹ 414 ¹ | 617 ¹ 460 ¹ | 740 ¹ 552 ¹ |

| VGF* | | | | 1200 rpm | 1400 rpm | 1500 rpm | 1600 rpm | 1800 rpm |
|-------------|--------------------------------|-------------------------------|-------|-----------------------------------|-----------------------------------|-----------------------------------|------------------------------------|------------------------------------|
| Model | Disp. | Bore & Stroke | C.R. | bhp kWb | bhp kWb | bhp kWb | bhp kWb | bhp kWb |
| P48GSI/GSID | | | 8.6:1 | — — | 830 620 | 885 660 | 945 705 | 1065 800 |
| P48GL/GLD | 2924 in ³ (48 L) | 5.98 x 6.5" (152 x 165 mm) | 11:1 | 710 ⁴ 530 ⁴ | 830 ⁴ 620 ⁴ | 885 ⁴ 660 ⁴ | 945 ⁴ 705 ⁴ | 1065 ⁴ 800 ⁴ |
| P48GL | | | 8.7:1 | — — | 830 620 | 885 660 | 945 705 | 1065 800 |
| P48GL/GLD | | | 11:1 | — — | 910 ³ 680 ³ | 975 ³ 730 ³ | 1040 ³ 775 ³ | 1175 ³ 880 ³ |
| L36GSI/GSID | | | 8.6:1 | — — | 620 460 | 670 500 | 710 530 | 800 600 |
| L36GL/GLD | 2193 in ³ (36 L) | 5.98 x 6.5" (152 x 165 mm) | 11:1 | — — | 620 460 | 670 500 | 710 530 | 800 600 |
| L36GL | | | 8.7:1 | — — | 620 460 | 670 500 | 710 530 | 800 600 |
| L36GL/GLD | | | 11:1 | — — | 685 ³ 510 ³ | 735 ³ 550 ³ | 780 ³ 580 ³ | 880 ³ 660 ³ |
| H24SE | | | 8.6:1 | — — | 415 310 | 445 330 | 475 355 | 530 400 |
| H24GL/GLD | 1462 in ³ (24 L) | 5.98 x 6.5" (152 x 165 mm) | 11:1 | 355 ⁴ 265 ⁴ | 415 ⁴ 310 ⁴ | 445 ⁴ 330 ⁴ | 475 ⁴ 355 ⁴ | 530 ⁴ 400 ⁴ |
| H24GL | | | 8.7:1 | — — | 415 310 | 445 330 | 475 355 | 530 400 |
| H24GL/GLD | | | 11:1 | — — | 455 ³ 340 ³ | 490 ³ 365 ³ | 520 ³ 390 ³ | 585 ³ 440 ³ |
| F18SE | | | 8.6:1 | — — | 310 230 | 335 250 | 355 265 | 400 300 |
| F18GL/GLD | 1096 in ³ (18 L) | 5.98 x 6.5" (152 x 165 mm) | 11:1 | — — | 310 230 | 335 250 | 355 265 | 400 300 |
| F18GL | | | 8.7:1 | — — | 310 230 | 335 250 | 355 265 | 400 300 |
| F18GL/GLD | | | 11:1 | — — | 340 ³ 255 ³ | 365 ³ 275 ³ | 390 ³ 290 ³ | 440 ³ 330 ³ |
| F18G | | | 11:1 | 160 119 | 185 138 | 200 149 | 215 160 | 240 179 |

Notes:

- All ratings are at an intercooler water temperature of 130°F (54.4°C).
- LFPS available on L5794LT engine for power generation applications only.

ISO Standard Power (Continuous Power Rating): The highest load and speed which can be applied 24 hours per day, seven days per week, 365 days per year except for normal maintenance. It is permissible to operate the engine at up to 10% overload for two hours in every 24 hour period.

Mechanical Drives

Waukesha Natural Gas Fueled Engines (Intermittent Duty)

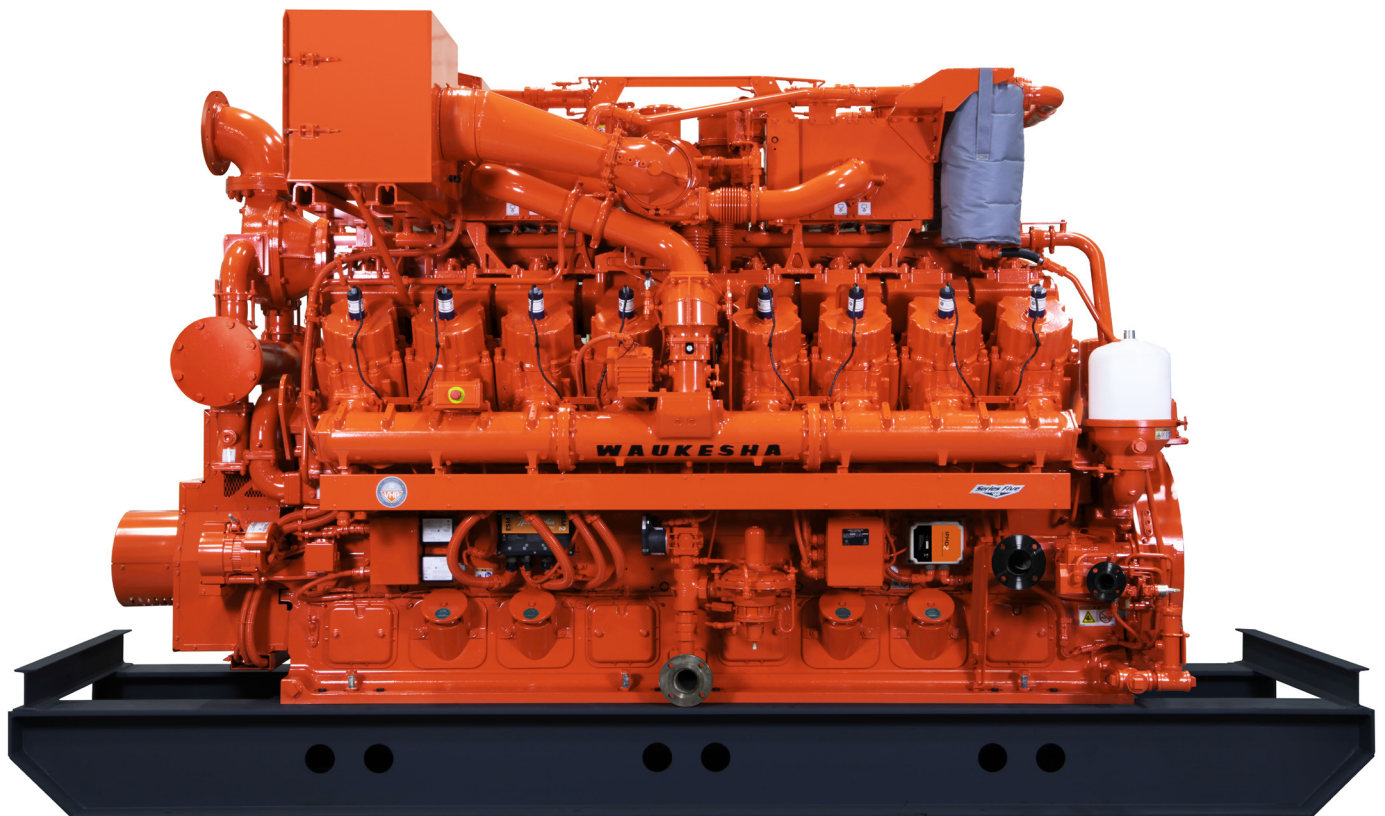
| VGF | | | | 1200 rpm | 1400 rpm | 1500 rpm | 1600 rpm | 1800 rpm |
|-------------|--------------------------------|-------------------------------|-------|-----------------------------------|-----------------------------------|-----------------------------------|------------------------------------|------------------------------------|
| Model | Disp. | Bore & Stroke | C.R. | bhp kWb | bhp kWb | bhp kWb | bhp kWb | bhp kWb |
| P48GSI/GSID | 2924 in ³ (48 L) | 5.98 x 6.5" (152 x 165 mm) | 8.6:1 | — — | 910 680 | 975 730 | 1040 775 | 1175 880 |
| P48GL/GLD | | | 11:1 | 785 ⁴ 585 ⁴ | 910 ⁴ 680 ⁴ | 975 ⁴ 730 ⁴ | 1040 ⁴ 775 ⁴ | 1175 ⁴ 880 ⁴ |
| P48GL | | | 8.7:1 | — — | 910 680 | 975 730 | 1040 775 | 1175 880 |
| L36GSI/GSID | 2193 in ³ (36 L) | 5.98 x 6.5" (152 x 165 mm) | 8.6:1 | — — | 685 510 | 735 550 | 780 580 | 880 660 |
| L36GL/GLD | | | 11:1 | — — | 685 510 | 735 550 | 780 580 | 880 660 |
| L36GL | | | 8.7:1 | — — | 685 510 | 735 550 | 780 580 | 880 660 |
| H24SE | 1462 in ³ (24 L) | 5.98 x 6.5" (152 x 165 mm) | 8.6:1 | — — | 455 340 | 490 365 | 520 390 | 585 440 |
| H24GL/GLD | | | 11:1 | 395 ⁴ 290 ⁴ | 455 ⁴ 340 ⁴ | 490 ⁴ 365 ⁴ | 520 ⁴ 390 ⁴ | 585 ⁴ 440 ⁴ |
| H24GL | | | 8.7:1 | — — | 455 340 | 490 365 | 520 390 | 585 440 |
| F18SE | 1096 in ³ (18 L) | 5.98 x 6.5" (152 x 165 mm) | 8.6:1 | — — | 340 255 | 365 275 | 390 290 | 440 330 |
| F18GL/GLD | | | 11:1 | — — | 340 255 | 365 275 | 390 290 | 440 330 |
| F18GL | | | 8.7:1 | — — | 340 255 | 365 275 | 390 290 | 440 330 |
| F18G | | | 11:1 | 180 130 | 205 155 | 220 165 | 240 180 | 265 195 |

1) Engine available with Low Fuel Pressure System (LFPS) with the same ratings. Refer to Technical Data for LFPS ambient and altitude adjustments.

3) These power ratings require pricebook option Code 1100 (176 BMEP). They are available continuously when applied per WKI* Power and Timing Curve S7079-19. It is permissible to operate at up to 5% overload for two hours in each 24 hour period.

4) Inline engine ratings are 1200 - 1400 rpm for low speed turbocharger operation and 1400 - 1800 rpm for high speed turbocharger operation.
Vee engine ratings are 1100 - 1600 rpm for low speed turbocharger operation and 1400 - 1800 rpm for high speed turbocharger operation.

5) No overload allowed.



Power Generation

Waukesha Natural Gas Fueled Engine & Enginotor*

| 275GL+ | | Remote Radiator Cooling (kWe) | | Engines Only (kWb) | |
|--------------------------------|------------|-------------------------------|------------|--------------------|------------|
| | | 60Hz | 50Hz | 60Hz | 50Hz |
| Model | Continuous | Continuous | Model | Continuous | Continuous |
| | 900 rpm | 1000 rpm | | 900 rpm | 1000 rpm |
| 16V275GL+ with ESM2 | 3200 | 3600 | 16V 275GL+ | 3356 | 3729 |
| 12V275GL+ with ESM2 | 2410 | 2685 | 12V 275GL+ | 2517 | 2796 |
| 16V275GL+ with ESM2, Fuel Flex | 3200 | 3600 | 16V 275GL+ | 3356 | 3729 |
| 12V275GL+ with ESM2, Fuel Flex | 2410 | 2685 | 12V 275GL+ | 2517 | 2796 |

| VHP | | Remote Radiator Cooling (kWe) | | Engines Only (kWb) | |
|--------------------|-------------------|-------------------------------|-------------|--------------------|-------------------|
| | | 60Hz | 50Hz | 60Hz | 50Hz |
| Model | Continuous | Continuous | Model | Continuous | Continuous |
| | 1200 rpm | 1000 rpm | | 1200 rpm | 1000 rpm |
| VHP9504GSI S5 | 1770 | 1600 | P9394GSI | 1860 | 1680 |
| VHP7104GSI/GSID S5 | 1350 ⁶ | 1235 | L7044GSI S5 | 1417 ⁶ | 1300 |
| VHP7104GSI/GSID | 1200 | 1100 ⁷ | L7044GSI | 1253 | 1153 ⁷ |
| VHP7100GSI/GSID S5 | 1065 ⁶ | 1005 | L7042GSI S5 | 1116 ⁶ | 1053 |
| VHP7100GSI/GSID S4 | 1050 | 875 | L7042GSI S4 | 1104 | 920 |
| VHP5904LT/LTD | 1025 | 900 ⁷ | L5794LT | 1078 | 947 ⁷ |
| VHP5904GSI/GSID | 980 | 900 ⁷ | L5794GSI | 1029 | 947 ⁷ |
| VHP3604GSI/GSID | 600 | 540 ⁷ | F3524GSI | 627 | 573 ⁷ |

| VGF | | Remote Radiator Cooling (kWe) | | | | Engines Only (kWb) | | |
|---------------|------------------|-------------------------------|------------------|----------|-------------|--------------------|------------------|------------|
| | | 60Hz | | 50Hz | | Model | 60Hz | 50Hz |
| Model | Continuous | Standby | Continuous | Standby | Model | | Continuous | Continuous |
| | 1800 rpm | 1800 rpm | 1500 rpm | 1500 rpm | | 1800 rpm | 1500 rpm | |
| VGF48SE | 760 | 1050 | — | — | P48SE | 1065 | — | |
| VGF48GL/GLD | 830 ³ | 860 | 685 ³ | 715 | P48GL/GLD | 880 ³ | 730 ³ | |
| VGF48GSI/GSID | 750 | 825 | 625 | 685 | P48GSI/GSID | 800 | 660 | |
| VGF36GL/GLD | 620 ³ | 645 | 515 ³ | 535 | L36GL/GLD | 660 ³ | 550 ³ | |
| VGF36GSI/GSID | 560 | 620 | 475 | 515 | L36GSI/GSID | 600 | 500 | |
| VGF24GL/GLD | 415 ³ | 425 | 340 ³ | 355 | H24GL/GLD | 440 ³ | 365 ³ | |
| VGF24SE | 375 | 410 | 310 | 340 | H24SE | 400 | 330 | |
| VGF18GL/GLD | 310 ³ | 315 | 250 ³ | 260 | F18GL/GLD | 330 ³ | 275 ³ | |
| VGF18SE | 280 | 310 | 230 | 255 | F18SE | 300 | 250 | |

Power Generation

Radiator Cooling (Unit Mounted)

| VHP Model | 60Hz | 50Hz |
|--------------------|-------------------|---------------------|
| | Continuous (kWe) | Continuous (kWe) |
| | 1200 rpm | 1000 rpm |
| VHP7104GSI/GSID S5 | 1285 ⁶ | 1190 |
| VHP7104GSI/GSID | 1150 ¹ | 1050 ^{1,7} |
| VHP7100GSI/GSID S5 | 1020 ⁶ | 975 |
| VHP7100GSI/GSID S4 | 1000 ¹ | 835 ^{1,7} |
| VHP5904LT | 990 | 860 ⁷ |
| VHP5904LTD | 990 | 860 ^{1,7} |
| VHP5904GSI/GSID | 940 ¹ | 860 ^{1,7} |
| VHP3604GSI/GSID | 560 ¹ | 500 ^{1,7} |

| VGF Model | 60Hz | | 50Hz | |
|--------------|------------------|---------------|------------------|---------------|
| | Continuous (kWe) | Standby (kWe) | Continuous (kWe) | Standby (kWe) |
| | 1800 rpm | 1800 rpm | 1500 rpm | 1500 rpm |
| VGF48GL/GLD | 810 ³ | 825 | 670 ³ | 700 |
| VGF48GSID | 730 | 800 | 610 | 650 |
| VGF36GL/GLD | 590 ³ | 625 | 500 ³ | 525 |
| VGF36GSID | 530 | 600 | 450 | 490 |
| VGF24GL/GLD | 390 ³ | 405 | 325 ³ | 350 |
| VGF24SE | 350 | 395 | 295 | 325 |
| VGF18GL/GLD | 295 ³ | 300 | 240 ³ | 250 |
| VGF18SE | 265 | 300 | 220 | 240 |

mobileFLEX

Natural Gas Fueled Engine & Enginator (Continuous Duty)

Power Generation, **60Hz**, EPA Certified
(Mobile Tier 2 Certified Per 40 CFR 1048)
(Stationary Certified Per 40 CFR 60 JJJJ)

| Model | Remote Radiator Cooling (kWe) | Model | Engines Only (kWb) |
|----------------|-------------------------------|--------------|--------------------|
| VHP Enginator | 1200 rpm | Engine | 1200 rpm |
| VHP7104GSI-EPA | 1200 | L7044GSI-EPA | 1253 |
| VGF Enginator | 1800 rpm | Engine | 1800 rpm |
| VGF24SE-EPA | 375 | H24SE-EPA | 400 |

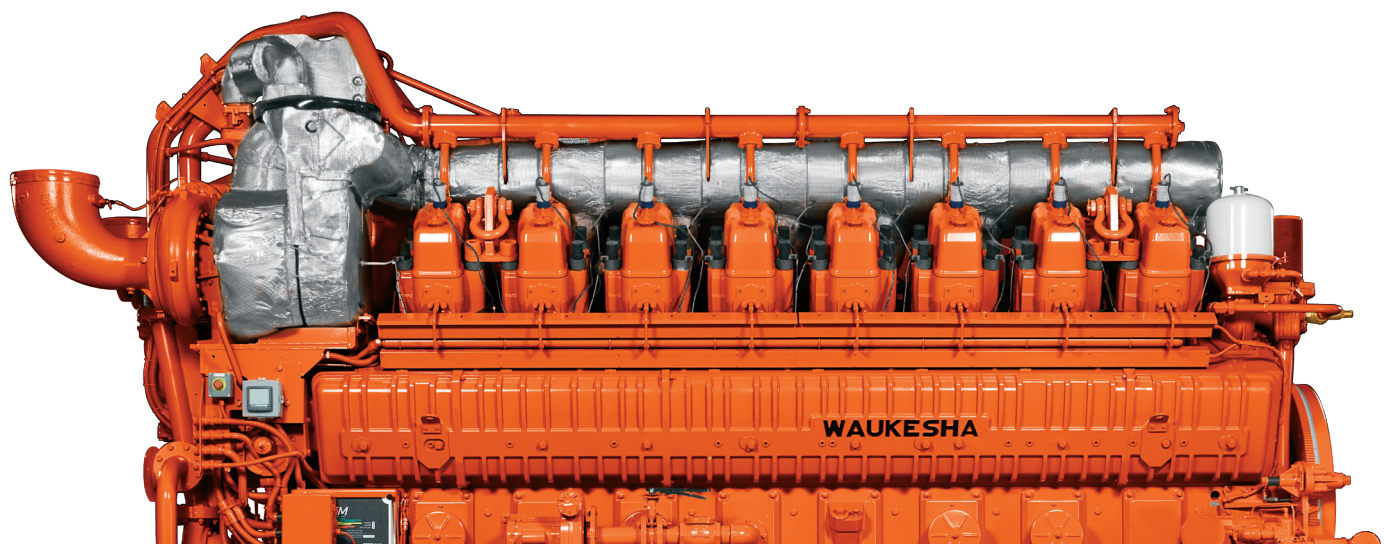
Mobile Power Generation, **50 Hz**
50 Hz Engines are not EPA Certified (Non-North America Only)

| Model | Remote Radiator Cooling (kWe) | Model | Engines Only (kWb) |
|----------------|-------------------------------|--------------|--------------------|
| VHP Enginator | 1000 rpm | Engine | 1000 rpm |
| VHP7104GSI-MOB | 1100 ⁷ | L7044GSI-MOB | 1153 ⁷ |

- 1) Engine available with Low Fuel Pressure System (LFPS) with the same ratings. Refer to technical data for LFPS ambient and altitude adjustments.
- 3) These power ratings require pricebook option Code 1100 (176 BMEP). They are available continuously when applied per WKI Power and Timing Curve S7079-19. It is permissible to operate at up to 5% overload for two hours in each 24 hour period.
- 6) 60Hz rating available only for GSI S5 model.
- 7) No overload allowed.

Generator Standby Power Rating (kWe): This rating applies to those systems used as a secondary source of electrical power. This rating is the output the system will produce continuously (no overload), 24 hours per day for the duration of the prime power source outage.

Notes: kWe output is based on 0.8 Power Factor Enginator efficiency.



Alternative Fuels

(Continuous Duty)

Biogas - Landfill - Digester

| VHP | | | | 1000 rpm | | | 1200 rpm | | |
|---------|-------------------------------|---------------------------|--------|---------------------|--------------------|--------------------|-------------------|-------------------|-------------------|
| Model | Disp. | Bore & Stroke | C.R. | bhp | kWb | kWe* | bhp | kWb | kWe* |
| L5794LT | 5788 in ³ (94.9 L) | 8.5 x 8.5" (216 x 216 mm) | 10.2:1 | 1270 ^{1,7} | 947 ^{1,7} | 900 ^{1,7} | 1445 ¹ | 1078 ¹ | 1025 ¹ |

| VGF | | | | 1500 rpm | | | 1800 rpm | | |
|--------|-----------------------------|----------------------------|------|-------------------|-------------------|-------------------|--------------------|-------------------|-------------------|
| Model | Disp. | Bore & Stroke | C.R. | bhp | kWb | kWe* | bhp | kWb | kWe* |
| P48GLD | 2924 in ³ (48 L) | 5.98 x 6.5" (152 x 165 mm) | 11:1 | 885 ¹¹ | 660 ¹¹ | 625 ¹¹ | 1060 ¹¹ | 800 ¹¹ | 750 ¹¹ |
| L36GLD | 2193 in ³ (36 L) | 5.98 x 6.5" (152 x 165 mm) | 11:1 | 670 ¹¹ | 500 ¹¹ | 475 ¹¹ | 800 ¹¹ | 600 ¹¹ | 560 ¹¹ |
| H24GLD | 1462 in ³ (24 L) | 5.98 x 6.5" (152 x 165 mm) | 11:1 | 445 ¹¹ | 330 ¹¹ | 310 ¹¹ | 530 ¹¹ | 400 ¹¹ | 375 ¹¹ |
| F18GLD | 1096 in ³ (18 L) | 5.98 x 6.5" (152 x 165 mm) | 11:1 | 335 ¹¹ | 250 ¹¹ | 230 ¹¹ | 400 ¹¹ | 300 ¹¹ | 280 ¹¹ |

1) Engine available with Low Fuel Pressure System (LFPS) with the same ratings. Refer to technical data for LFPS ambient and altitude adjustments.

7) No overload allowed.

11) Engine operation using 400 - 500 Btu/ft³ (15.7 - 19.7 MJ/m³). Landfill fuel requires 175°F (80°C) ICW. Option code 1100 is not available.

Notes:

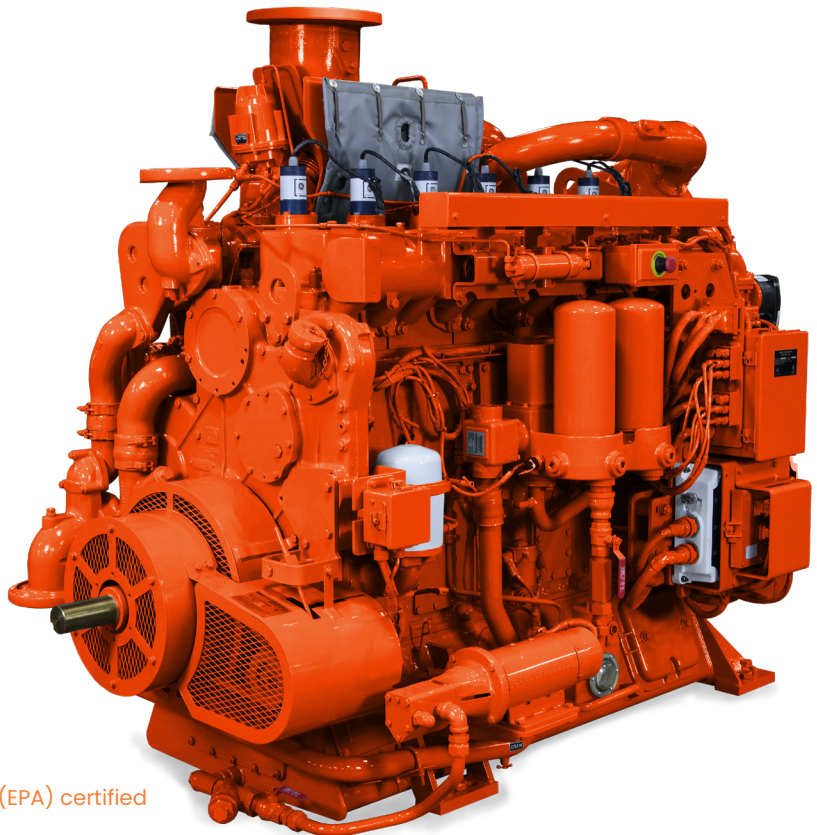
- Low Btu (calorific value) fueled engines operate on fuel with 400 Btu/ft³ (15.7 MJ/m³) or greater saturated low heat (net calorific value) and are equipped with special low Btu fuel system.
- VGF GLD - Gas lean combustion with draw-thru carburetion. Minimum regulated gas supply pressure is 8" H₂O (12.44 mbar)
- Generator efficiencies are typical values. Please consult with your packager.
- All ratings are at an intercooler water temperature of 130°F (54.4°C).

Waukesha Engine Model Prefix Designations

Number of cylinders except 275GL which states actual number of cylinders.
 P = 16 H = 8 L = 12 F = 6

Suffix Designations

- G = Naturally aspirated
- GSI = Turbocharged intercooled
- GSID = Turbocharged intercooled draw-thru
- GL = Turbocharged intercooled lean burn
- LT = Lean combustion turbulence
- GLD = Turbocharged intercooled lean burn draw-thru
- LTD = Lean combustion turbulence draw-thru
- EPA = United States Environmental Protection Agency (EPA) certified
- MOB = Mobile, non-certified, Non-North America
- SE = Turbocharged intercooled draw-thru with ESM



HD-5 Propane Fueled Engines

(Continuous Duty)

| 275GL+ | | | | 900 rpm | 1000 rpm |
|--------------------------------|----------------------------------|-------------------------------|------|-----------|-----------|
| Model | Disp. | Bore & Stroke | C.R. | bhp kWb | bhp kWb |
| 16V275GL+ with ESM2, Fuel Flex | 17,398 in ³ (285 L) | 10.83 x 11.81" (275 x 300 mm) | 8:1 | 3750 2800 | 4175 3115 |
| 12V275GL+ with ESM2, Fuel Flex | 13,048 in ³ (213.9 L) | 10.83 x 11.81" (275 x 300 mm) | 8:1 | 2812 2100 | 3130 2336 |

| VHP | | | | 900 rpm | 1000 rpm | 1200 rpm |
|-------------|--------------------------------|-----------------------------|-------|-----------|-----------|-----------|
| Model | Disp. | Bore & Stroke | C.R. | bhp kWb | bhp kWb | bhp kWb |
| P9394GSI S5 | 9388 in ³ (153.9 L) | 9.375 x 8.5" (238 x 216 mm) | 9.7:1 | 1600 1193 | 1780 1327 | 2135 1592 |
| L7044GSI S5 | 7040 in ³ (115.4 L) | 9.375 x 8.5" (238 x 216 mm) | 9.7:1 | 1200 895 | 1333 994 | 1600 1193 |
| L7044GSI | | | 8:1 | 864 644 | 960 716 | 1152 859 |
| L7042GSI S5 | | | 9.7:1 | 1125 839 | 1250 932 | 1500 1119 |
| L7042GSI S4 | | | 8:1 | 864 644 | 960 716 | 1152 859 |
| L5794GSI | 5788 in ³ (94.9 L) | 8.5 x 8.5" (216 x 216 mm) | 8.2:1 | 789 588 | 877 654 | 1052 785 |
| F3524GSI | 3520 in ³ (57.7 L) | 9.375 x 8.5" (238 x 216 mm) | 8:1 | 472 352 | 524 391 | 629 469 |

| VGf | | | | 1500 rpm | 1800 rpm |
|------------|-----------------------------|----------------------------|-------------------------------------|-------------------------------------|--------------------------------------|
| Model | Disp. | Bore & Stroke | C.R. | bhp kWb | bhp kWb |
| P48GSID | 2924 in ³ (48 L) | 5.98 x 6.5" (152 x 165 mm) | 8.6:1 | 609 454 | 731 545 |
| P48GL/GLD | | | 11:1 | 496 370 | 604 450 |
| P48GL | | | 8.7:1 | 885 ¹⁹ 660 ¹⁹ | 1065 ¹⁹ 800 ¹⁹ |
| L36GSID | 2193 in ³ (36 L) | 5.98 x 6.5" (152 x 165 mm) | 8.6:1 | 457 341 | 548 409 |
| L36GL/GLD | | | 11:1 | 376 280 | 442 330 |
| L36GL | | | 8.7:1 | 670 ¹⁹ 500 ¹⁹ | 800 ¹⁹ 600 ¹⁹ |
| H24SE | | | 8.6:1 | 366 273 | 439 327 |
| H24GL/GLD | 1462 in ³ (24 L) | 5.98 x 6.5" (152 x 165 mm) | 11:1 | 249 186 | 299 223 |
| H24GL | 8.7:1 | | 445 ¹⁹ 330 ¹⁹ | 530 ¹⁹ 400 ¹⁹ | |
| F18SE | 8.6:1 | | 274 204 | 329 246 | |
| F18GL/GLD | 1096 in ³ (18 L) | 5.98 x 6.5" (152 x 165 mm) | 11:1 | 187 139 | 224 167 |
| F18GL | | | 8.7:1 | 335 ¹⁹ 250 ¹⁹ | 400 ¹⁹ 300 ¹⁹ |
| F18G | | | 11:1 | 187 139 | 224 167 |

19) Contact Application Engineering regarding stability in Power Generation applications

Notes:

- No overload allowed on all HD-5 propane ratings.
- Requires a minimum of 34 WKI fuel.
- Engine may require optional fuel system.
- All ratings are at an intercooler water temperature of 130°F (54.4°C).

Rating Standard: All models: Ratings conform to ISO 3046/1 (latest version) with a mechanical efficiency of 90% and auxiliary water temperature, T_{cr}, as specified in the Power Rating Chart, Bulletin 1079 (latest version) limited to ±10° F (+5.5° C). Ratings are also valid for SAE J1349, BS 5514, DIN 6271 and API 7B-11C standard atmospheric reference conditions.

Fuel Standard: All natural gas engine ratings are based on 900 BTU/ft³ (35.38 MJ/m³ [25, V(0; 101.325)]) SLHV, 91 WKI minimum, commercial quality natural gas. Refer to S-7884-7 (latest version) for full gaseous fuel specifications.

ISO Standard Power (Continuous Power Rating): The highest load and speed that can be applied 24 hours per day, seven days per week, 365 days per year except for normal maintenance at ISO standard ambient reference conditions. Unless otherwise stated, at ISO standard ambient reference conditions, it is permissible to operate the engine at up to 110% of the ISO Standard Power or the maximum power indicated by the intermittent rating, whichever is lower, for two hours in every 24 hour period.

ISO Service Power (Site Continuous Power Rating): The highest load and speed that can be applied 24 hours per day, seven days per week, 365 days per year except for normal maintenance at the operating and ambient conditions of the site application. Unless otherwise stated, it is permissible to operate the engine at up to 110% of the ISO Service Power (see the Overload Power definition) or the intermittent power rating available at the site operating and ambient conditions, whichever is lower, for two hours in every 24 hour period.

Overload Power: The power that an engine is permitted to supply, with a duration and frequency of use depending upon the service application, at stated ambient conditions, immediately after operating at its ISO Service Power rating. Unless otherwise stated, it is permissible to operate the engine at up to 110% of the ISO Service Power or the intermittent power rating available at the site operating and ambient conditions, whichever is lower, for two hours in every 24 hour period. For situations without a defined intermittent power, the allowable 10% overload power is reduced from ISO standard ambient reference conditions by the applicable rating adjustments listed in the Intermittent/Standby Power column.

Intermittent Power Rating: The highest load and speed that can be applied in variable speed mechanical system applications only. Operation at this rating is limited to a maximum of 3500 hours per year.

Generator Continuous Power Rating (kW_e): The highest load and speed which can be applied 24 hours per day, seven days per week, 365 days per year except for normal maintenance. Unless otherwise stated, it is permissible to operate the engine at up to 110% of the generator continuous power rating for two hours in every 24 hour period.

Generator Standby Power Rating (kW_e): This rating applies to those systems used as a secondary source of electrical power. This rating is the output the system will produce continuously 24 hours per day for the duration of the prime power source outage. No overload is allowed. This rating may reduce the lifecycle intervals.



Purposely designed for the oil & gas industry's most challenging and remote environments, our earliest technologies are still among the industry's best performers. Committed to each customer's success, today Waukesha is building on this foundation by evolving engine technologies, innovating new service capabilities, and increasing the impact of its distributors and packagers.

Reliability + Productivity

Waukesha Gas Engines maximize uptime and prevent unplanned downtime through reliable and available engines that excel in the most challenging and remote environments with:

- Smart controls, data analytics and equipment intelligence.
- Fuel flexibility and robust performance.

Short Payback + Long-Term ROI

With an immediate upfront capital expenditure advantage, and lasting operational expenditure savings, Waukesha's engines lower overall cost of ownership by:

- Reducing maintenance and downtime.
- Generating short and long-term bottom-line benefits.

Maintenance + Upgrades

Optimize engine performance, improve fuel efficiency, and equip existing engines with today's advanced technologies, using:

- Remanufactured OEM warrantied parts and engines.
- Customized maintenance and parts programs.

Service + Support

End-users and channel partners have direct access to Waukesha's deep expertise through dedicated sales engineering teams, committed to each customer's success. This includes:

- Technical support through industry and engine-specific experts.
- Customized training and customer service solutions.

Visit <https://www.waukeshaengine.com> for more information on Waukesha's gas engines and services.