

2006 GUARDIAN Product Specifications

| AIR-COOLED | GUARDIAN / QuietSource | | | | |
|---------------------------|------------------------|-----------|------------|-----------------|------------|
| Model | 5240 | 5241 | 5242 | 5243 | 5244 |
| Rated Power (LPG/NG) | 7/6 kW | 10/9 kW | 13/13 kW | 16/15 kW | 16/15 kW |
| Voltage (Single Phase) | 120/240V | 120/240V | 120/240V | 120/240V | 120/240V |
| Amps @ 120/240V LPG | 58.3/29.2 | 83.3/41.6 | 108.3/54.2 | 133.3/66.6 | 133.3/66.6 |
| Amps @ 120/240V NG | 50.0/25.0 | 75/37.5 | 108.3/54.2 | 125/62.5 | 125/62.5 |
| Engine/Alternator RPM | 3600/3600 | 3600/3600 | 3600/3600 | 3600/3600 | 3600/3600 |
| OHVI® Engine | 410cc | 530cc | 992cc | 992cc | 992cc |
| Fuel Consumption | | | | | |
| LPG: cu. ft/hr (gal/hr) | 54 (1.47) | 70 (1.93) | 80 (2.18) | 92 (2.51) | 92 (2.51) |
| NG: cu. ft/hr | 119 | 156 | 220 | 245 | 245 |
| Whisper-Test™ Feature | No | No | No | Yes | Yes |
| Automatic Transfer Switch | 100 Amp | 100 Amp | 100 Amp | 100 Amp | 100 Amp |
| Circuits Protected | 8 | 10 | 12 | 16 | 16 |
| Enclosure | Steel | Steel | Steel | Steel | Aluminum |
| Dimensions (L" x W" x H) | 48 x 24 x 28.25 | | | 48 x 24 x 28.25 | |
| Generator Weight (lbs.) | 336 | 375 | 425.5 | 445 | 430 |

| GUARDIAN (Non-Prepackaged) | | | | | |
|----------------------------|----------------------------------|-----------|------------|-----------------|------------|
| Model | 5280 | 5281 | 5282 | 5283 | 5284 |
| Rated Power (LPG/NG) | 7/6 kW | 10/9 kW | 13/13 kW | 16/15 kW | 16/15 kW |
| Voltage (Single Phase) | 120/240V | 120/240V | 120/240V | 120/240V | 120/240V |
| Amps @ 120/240V LPG | 58.3/29.2 | 83.3/41.6 | 108.3/54.2 | 133.3/66.6 | 133.3/66.6 |
| Amps @ 120/240V NG | 50.0/25.0 | 75/37.5 | 108.3/54.2 | 125/62.5 | 125/62.5 |
| Engine/Alternator RPM | 3600/3600 | 3600/3600 | 3600/3600 | 3600/3600 | 3600/3600 |
| OHVI® Engine | 410cc | 530cc | 992cc | 992cc | 992cc |
| Fuel Consumption | | | | | |
| LPG: cu. ft/hr (gal/hr) | 54 (1.47) | 70 (1.93) | 80 (2.18) | 92 (2.51) | 92 (2.51) |
| NG: cu. ft/hr | 119 | 156 | 220 | 245 | 245 |
| Whisper-Test™ Feature | No | No | No | Yes | Yes |
| Automatic Transfer Switch | Transfer switch sold separately. | | | | |
| Circuits Protected | NA | NA | NA | NA | NA |
| Enclosure | Steel | Steel | Steel | Steel | Aluminum |
| Dimensions (L" x W" x H) | 48 x 24 x 28.25 | | | 48 x 24 x 28.25 | |
| Generator Weight (lbs.) | 336 | 375 | 425.5 | 445 | 430 |

| LIQUID-COOLED | QuietSource by GUARDIAN | | | | | | | | | |
|--------------------------|-------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|--|
| Model | 5210 | 5324 | 5259 | 5261 | 5340* | 5211 | 5325 | 5260 | 5262 | |
| Rated Power (LPG/NG) | 20/20 kW | 25/25 kW | 35/35 kW | 45/43 kW | 45/43 kW | 20/20 kW | 25/25 kW | 35/35 kW | 45/43 kW | |
| Voltage (Single Phase) | 120/240V | 120/240V | 120/240V | 120/240V | 120/240V | 120/240V | 120/240V | 120/240V | 120/240V | |
| Amps @ 120/240V LPG | 166.6/83.3 | 208.3/104.2 | 291.6/145.8 | 375/187.5 | 375/187.5 | 166.6/83.3 | 208.3/104.2 | 291.6/145.8 | 375/187.5 | |
| Amps @ 120/240V NG | 166.6/83.3 | 208.3/104.2 | 291.6/145.8 | 358.3/179.2 | 358.3/179.2 | 166.6/83.3 | 208.3/104.2 | 291.6/145.8 | 358.3/179.2 | |
| Engine/Alternator RPM | 3600/3600 | 3600/3600 | 3600/3600 | 3600/3600 | 3600/3600 | 3600/3600 | 3600/3600 | 3600/3600 | 3600/3600 | |
| Engine | 4-Cyl. | 4-Cyl. | 4-Cyl. | 4-Cyl. | 4-Cyl. | 4-Cyl. | 4-Cyl. | 4-Cyl. | 4-Cyl. | |
| Fuel Consumption | | | | | | | | | | |
| LPG: cu. ft/hr (gal/hr) | 125 (3.44) | 183 (5.0) | 222.3 (6.1) | 286 (7.86) | 286 (7.86) | 125 (3.44) | 183 (5.0) | 222.3 (6.1) | 286 (7.86) | |
| NG: cu. ft/hr | 315 | 442 | 560 | 720 | 720 | 315 | 442 | 560 | 720 | |
| Whisper-Test™ Feature | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | |
| Enclosure | Steel | Steel | Steel | Steel | Steel | Aluminum | Aluminum | Aluminum | Aluminum | |
| Dimensions (L" x W" x H) | 71 x 29.5 x 36 | 71 x 29.5 x 36 | 77 x 33.5 x 45 | 77 x 33.5 x 45 | 77 x 33.5 x 45 | 71 x 29.5 x 36 | 71 x 29.5 x 36 | 77 x 33.5 x 45 | 77 x 33.5 x 45 | |
| Generator Weight (lbs.) | 1020 | 1025 | 1393 | 1414 | 1454 | 930 | 935 | 1276 | 1297 | |

*California air standard compliant model

| LIQUID-COOLED | GUARDIAN Elite Commercial Series | | | | | | | | | | |
|---------------------------|----------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| Model | QT020 | QT025 | QT035 | QT045 | QT060 | QT070 | QT080 | QT100 | QT100 | QT130 | QT150 |
| Rated Power LP | 20 kW | 25 kW | 35 kW | 45 kW | 60 kW | 70 kW | 80 kW | 100 kW | 100 kW | 130 kW | 150 kW |
| Amps @ 240V, 1 Ø | 83.3 | 104.2 | 145.8 | 187.5 | 250 | 291.6 | 333.3 | 416.6 | 416.6 | 541.6 | 625 |
| Amps @ 208V, 3 Ø | 69.5 | 86.8 | 121.6 | 156.3 | 208.4 | 243.2 | 277.9 | 347.4 | 347.4 | 451.6 | 521.1 |
| Amps @ 480V, 3 Ø | NA | NA | 52.7 | 67.7 | 90.3 | 105.4 | 120.4 | 150.5 | 150.5 | 195.7 | 225.8 |
| Engine/Alternator RPM | 3600/3600 | 3600/3600 | 3600/3600 | 3600/3600 | 3600/3600 | 1800/1800 | 3600/3600 | 3600/3600 | 2300/1800 | 3000/1800 | 3600/3600 |
| Engine Size | 1.5L | 1.6L | 2.4L | 2.4L | 3.0L | 6.8L | 4.6L | 5.4L | 6.8L | 6.8L | 6.8L |
| Cylinder arrangement | In-Line 4-Cyl. | | | V-6 | | V-10 | V-8 | V-8 | V-10 | V-10 | V-10 |
| Fuel Consumption | | | | | | | | | | | |
| LPG: cu. ft/hr (gal/hr) | 125 (3.44) | 183 (5.0) | 222.3 (6.1) | 286 (7.86) | 376.3 (10.34) | 411 (11.3) | 442 (12.1) | 553 (15.2) | 507 (13.9) | 719 (19.8) | 830 (22.8) |
| NG: cu. ft/hr | 315 | 442 | 560 | 720 | 960 | 1020 | 1100 | 1374 | 1260 | 1786 | 2061 |
| Whisper-Test™ Feature | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Suggested Transfer Switch | RTS 100-200 | RTS 100-200 | RTS 100-200 | RTS 100-200 | RTS 100-300 | HTS 150-400 | HTS 150-400 | HTS 200-600 | HTS 200-600 | HTS 200-600 | HTS 300-800 |
| Dimensions (L" x W" x H) | 71 x 29.5 x 36 | 71 x 29.5 x 36 | 77 x 33.5 x 45 | 77 x 33.5 x 45 | 89 x 33.5 x 48 | 96.5 x 37 x 48 | 116 x 37 x 55* | 116 x 37 x 55* | 116 x 37 x 55* | 116 x 37 x 55* | 116 x 37 x 55* |
| Generator (lbs.) Steel | 1020 | 1025 | 1331 | 1558 | 1650 | 2185 | 2010 | 2311 | 2705 | 2873 | 2666 |
| Generator (lbs.) Aluminum | 930 | 935 | 1214 | 1441 | 1513 | 2040 | 1836 | 2137 | 2531 | 2699 | 2492 |

NOTE: See GUARDIAN Elite Easy Selection Guide for complete configuration codes. * Height does not include measurement of exhaust stack

| TRANSFER SWITCHES | Use with GUARDIAN Elite Commercial Models | | | | | | | | | | | |
|-------------------|---|--------|-------|--------|-------|--------------|-------|-------|-------|-------|---------------|-------|
| Model | RTS-N | RTS-E* | RTS-N | RTS-E* | RTS-N | HTS-N | HTS-N | HTS-N | HTS-N | HTS-N | HTS-N | HTS-N |
| Amps | 100 | 100 | 200 | 200 | 400 | 100 | 150 | 200 | 300 | 400 | 600 | 800 |
| Enclosure Type | NEMA 3R | | | | | NEMA 1 or 3R | | | | | NEMA 12 or 3R | |
| Voltage | 120V/240V, 1Ø | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| | 120V/208V, 3Ø | Yes | No | Yes | No | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| | 277V/480V, 3Ø | Yes | No | Yes | No | Yes | Yes | Yes | Yes | Yes | Yes | Yes |

NOTE: See GUARDIAN Elite Easy Selection Guide for complete configuration codes. *Transfer switch with service disconnect.

| PORTABLE | Ultra Source | |
|---------------------------|---------------------|----------|
| Model | 4582 | 4583* |
| Rated Power | 15000 | 17500 |
| Surge Power | 22500 | 26250 |
| Voltage (Single Phase) | 120/240V | 120/240V |
| OHVI® Engine | 992cc V-Twin | |
| Dimensions (H" x W" x L") | 38.5 x 30.75 x 48.5 | |
| Generator Weight (lbs.) | 450 | 525 |

*Includes 50 Amp manual transfer switch

| PowerMaster™ Load Center | |
|--------------------------|---------------|
| Model | 5239 |
| Voltage | 240V |
| Dimensions (L" x W" x H) | 3.25 x 9 x 10 |

To order complete order form and fax to 262-472-6505 or call 1-800-747-1530 (Option 2)

For more detailed product specifications visit www.guardiangenerators.com

Specifications are subject to change without notice. April 2006