



## G25 – G570 | Mobile Generators



**Portable Power**

**When it comes to innovation** in mobile power generation, Doosan Portable Power leads the industry in providing features you can count on to meet the demands of critical applications in the harshest conditions.

#### Strong powertrains you can depend on

- Robust and fuel efficient engines ensure maximum uptime and low cost of ownership
- Leroy-Somer alternators feature AREP excitation to give unmatched performance in motor starting and voltage stability

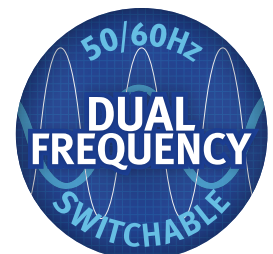
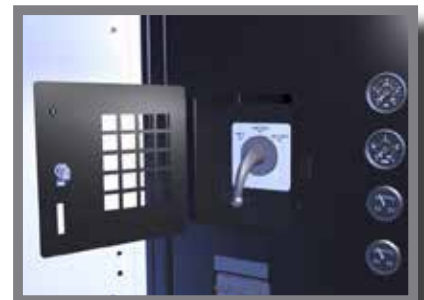
#### Rugged, reliable, and environmentally friendly

- Units are built with an integrated fuel cell and feature the toughest running gear components for safe and trouble-free towing, on- or off-road
- Heavy-duty skids with forklift slots for stability and easy mobility
- The enclosure is built from heavy-gauge steel and finished with a 13-stage powder coat process to provide the ultimate corrosion protection
- Doosan brings to market the only mobile generator line that includes 110% fluid containment as a standard feature on all models



#### Safe and easy connections and maintenance

- Routine maintenance is easier and safer because the battery, filters, and fill points are on the curb-side of the generator
- The operator is always informed and in control of the generator with easy-to-ready analogue gauges, a user-friendly main controller
- Redesigned connection panel provides safe and easy wiring connections with bare end or terminated cables plus. An array of twist-lock, GFCI receptacles, and optional camlock panel simplify connections
- Three-position voltage selector switch is standard on all models up to the G185 and equipped with a protection scheme that prevents operators from changing voltage during operation
- Dedicated 600V-3Ø generators available on the G240, G290, G450, and G570 models
- Remote start/stop capability for standby applications



| Model  | G25WMI-T4i           |      |      | G40WMI-T4i           |      |     | G70WJD-T3             |       |     | G90WJD-T3            |       |     | G145WJD-T3           |       |     |     |
|--|----------------------|------|------|----------------------|------|-----|-----------------------|-------|-----|----------------------|-------|-----|----------------------|-------|-----|-----|
| <b>PRIME POWER RATING</b>                      |                      |      |      |                      |      |     |                       |       |     |                      |       |     |                      |       |     |     |
|  | Amps                 | kW   | kVA  | Amps                 | kW   | kVA | Amps                  | kW    | kVA | Amps                 | kW    | kVA | Amps                 | kW    | kVA |     |
| @ 480V-3Ø, 0.8PF, 60Hz                         | 30                   | 20   | 25   | 42                   | 28   | 35  | 87                    | 58    | 73  | 113                  | 94    | 94  | 173                  | 115   | 144 |     |
| @ 240V-3Ø, 0.8PF, 60Hz                         | 60                   | 20   | 25   | 84                   | 28   | 35  | 174                   | 58    | 73  | 226                  | 94    | 94  | 346                  | 115   | 144 |     |
| @ 208V-3Ø, 0.8PF, 60Hz                         | 69                   | 20   | 25   | 97                   | 28   | 35  | 201                   | 58    | 73  | 236                  | 85    | 85  | 368                  | 106   | 133 |     |
| @ 240V-1Ø, 1.0PF, 60Hz                         | 4 Wire               | 28   | 20   | 20                   | 39   | 28  | 28                    | 81    | 58  | 58                   | 94    | 68  | 68                   | 147   | 106 | 106 |
|  | Zig-Zag              | 65   | 15.6 | 15.6                 | 89   | 21  | 21                    | 188   | 45  | 45                   | 221   | 53  | 53                   | 346   | 83  | 83  |
| @ 120V-1Ø, 1.0PF, 60Hz                         | 4 Wire               | 56   | 20   | 20                   | 78   | 28  | 28                    | 161   | 58  | 58                   | 189   | 68  | 68                   | 294   | 106 | 106 |
|  | Zig-Zag              | 65x2 | 15.6 | 15.6                 | 89x2 | 21  | 21                    | 188x2 | 45  | 45                   | 221x2 | 53  | 53                   | 346x2 | 83  | 83  |
| @ 600V-3Ø, 0.8PF, 60Hz                         |                      |      |      |                      |      |     |                       |       |     |                      |       |     |                      |       |     |     |
| Voltage Configuration                          | 3-Position Switch    |      |      | 3-Position Switch    |      |     | 3-Position Switch     |       |     | 3-Position Switch    |       |     | 3-Position Switch    |       |     |     |
| Frequency Capability                           | 60Hz Only            |      |      | 60Hz Only            |      |     | 60Hz Only             |       |     | 60Hz Only            |       |     | 60Hz Only            |       |     |     |
| <b>ENGINE</b>                                  |                      |      |      |                      |      |     |                       |       |     |                      |       |     |                      |       |     |     |
| Engine Make / Model                            | Mitsubishi S4Q2-Y362 |      |      | Mitsubishi S4S-Y362  |      |     | John Deere 4045TF285E |       |     | John Deere 4045HF285 |       |     | John Deere 4045HF485 |       |     |     |
| Power Output @ 1800RPM - HP (kWm)              | 31 (23)              |      |      | 42 (31.3)            |      |     | 90 (67)               |       |     | 115 (86)             |       |     | 179 (134)            |       |     |     |
| Emissions Tier Level                           | Tier 4-interim       |      |      | Tier 4-interim       |      |     | Tier 3                |       |     | Tier 3               |       |     | Tier 3               |       |     |     |
| Fuel Tank Capacity - Gal (L)                   | 36 (136)             |      |      | 47 (178)             |      |     | 91.9 (347.9)          |       |     | 171.6 (649.6)        |       |     | 171.6 (649.6)        |       |     |     |
| Runtime @ 100% Load - Hr                       | 18.9                 |      |      | 18.2                 |      |     | 21                    |       |     | 22.3                 |       |     | 19.8                 |       |     |     |
| <b>DIMENSIONS WITH RUNNING GEAR</b>            |                      |      |      |                      |      |     |                       |       |     |                      |       |     |                      |       |     |     |
| Length - in (mm)                               | 131 (3327)           |      |      | 144.4 (3668)         |      |     | 155.8 (3957)          |       |     | 165.8 (4212)         |       |     | 165.8 (4212)         |       |     |     |
| Width - in (mm)                                | 59.5 (1511)          |      |      | 67 (1702)            |      |     | 68.7 (1745)           |       |     | 71.7 (1820)          |       |     | 71.7 (1820)          |       |     |     |
| Height - in (mm)                               | 67 (1702)            |      |      | 68 (1727)            |      |     | 82.4 (2093)           |       |     | 83.6 (2123)          |       |     | 83.6 (2123)          |       |     |     |
| Weight (Ready to Run) - lb (kg)                | 2588 (1174)          |      |      | 3508 (1591)          |      |     | 5260 (2386)           |       |     | 6466 (2933)          |       |     | 7220 (3275)          |       |     |     |
| Sound Level @ 23 ft (7m) and 100% Load - dB(A) | 66                   |      |      | 66                   |      |     | 68                    |       |     | 68                   |       |     | 71                   |       |     |     |
| <b>AVAILABLE MARKETS</b>                       |                      |      |      |                      |      |     |                       |       |     |                      |       |     |                      |       |     |     |
| *Dedicated 600V generator                      | 60Hz Only            |      |      | 60Hz Only            |      |     | 60Hz Only             |       |     | 60Hz Only            |       |     | 60Hz Only            |       |     |     |
| Model  | G185WJD-T3           |      |      | G240WJD-T3*          |      |     | G290WCU-FX-T3*        |       |     | G450WCU-T2*          |       |     | G570WCU-T2*          |       |     |     |
| <b>PRIME POWER RATING</b>                      |                      |      |      |                      |      |     |                       |       |     |                      |       |     |                      |       |     |     |
|  | Amps                 | kW   | kVA  | Amps                 | kW   | kVA | Amps                  | kW    | kVA | Amps                 | kW    | kVA | Amps                 | kW    | kVA |     |
| @ 480V-3Ø, 0.8PF, 60Hz                         | 220                  | 146  | 183  | 287                  | 191  | 239 | 349                   | 232   | 290 | 549                  | 365   | 456 | 686                  | 456   | 570 |     |
| @ 240V-3Ø, 0.8PF, 60Hz                         | 439                  | 146  | 183  | 574                  | 191  | 239 | 698                   | 232   | 290 | 1098                 | 365   | 456 | 1371                 | 456   | 570 |     |
| @ 208V-3Ø, 0.8PF, 60Hz                         | 500                  | 144  | 180  | 607                  | 175  | 219 | 805                   | 232   | 290 | 1259                 | 363   | 454 | 1416                 | 408   | 510 |     |
| @ 240V-1Ø, 1.0PF, 60Hz                         | 4 Wire               | 200  | 144  | 144                  | 243  | 175 | 175                   | 322   | 232 | 232                  | 504   | 363 | 363                  | 567   | 408 | 408 |
|  | Zig-Zag              | 458  | 110  | 110                  |      |     |                       |       |     |                      |       |     |                      |       |     |     |
| @ 120V-1Ø, 1.0PF, 60Hz                         | 4 Wire               | 400  | 144  | 144                  | 486  | 175 | 175                   | 644   | 232 | 232                  | 1008  | 363 | 363                  | 1133  | 408 | 408 |
| Zig-Zag  | 458x2                | 110  | 110  |                      |      |     |                       |       |     |                      |       |     |                      |       |     |     |
| @ 600V-3Ø, 0.8PF, 60Hz                         |                      |      |      | 230                  | 191  | 239 | 279                   | 232   | 290 | 448                  | 373   | 466 | 539                  | 448   | 560 |     |
| Voltage Configuration                          | 3-Position Switch    |      |      | Link Board           |      |     | Link Board            |       |     | Link Board           |       |     | Link Board           |       |     |     |
| Frequency Capability                           | 60Hz Only            |      |      | 60Hz Only            |      |     | 50Hz/60Hz Switchable  |       |     | 60Hz Only            |       |     | 60Hz Only            |       |     |     |
| <b>ENGINE</b>                                  |                      |      |      |                      |      |     |                       |       |     |                      |       |     |                      |       |     |     |
| Engine Make / Model                            | John Deere 6068HF285 |      |      | John Deere 6068HF485 |      |     | Cummins QSL9-G3       |       |     | Cummins QSX15-G9     |       |     | Cummins QSX15-G9     |       |     |     |
| Power Output @ 1800RPM - HP (kWm)              | 216 (161)            |      |      | 286 (214)            |      |     | 352 (262)             |       |     | 544 (405)            |       |     | 680 (507)            |       |     |     |
| Emissions Tier Level                           | Tier 3               |      |      | Tier 3               |      |     | Tier 3                |       |     | Tier 2               |       |     | Tier 2               |       |     |     |
| Fuel Tank Capacity - Gal (L)                   | 253.7 (960.4)        |      |      | 254 (960.5)          |      |     | 386 (1461.2)          |       |     | 574 (2173)           |       |     | 574 (2173)           |       |     |     |
| Runtime @ 100% Load - Hr                       | 23.2                 |      |      | 19                   |      |     | 21                    |       |     | 22.2                 |       |     | 18.5                 |       |     |     |
| <b>DIMENSIONS WITH RUNNING GEAR</b>            |                      |      |      |                      |      |     |                       |       |     |                      |       |     |                      |       |     |     |
| Length - in (mm)                               | 204 (5179)           |      |      | 203.9 (5179)         |      |     | 221 (5611)            |       |     | 260.9 (6627)         |       |     | 260.9 (6627)         |       |     |     |
| Width - in (mm)                                | 75.7 (1923)          |      |      | 75.7 (1923)          |      |     | 77.7 (1974)           |       |     | 85.9 (2182)          |       |     | 85.9 (2182)          |       |     |     |
| Height - in (mm)                               | 94.8 (2408)          |      |      | 94.8 (2408)          |      |     | 111.4 (2830)          |       |     | 119.8 (3043)         |       |     | 119.8 (3043)         |       |     |     |
| Weight (Ready to Run) - lb (kg)                | 9166 (4158)          |      |      | 9678 (4390)          |      |     | 11957 (5424)          |       |     | 18271 (8288)         |       |     | 18573 (8425)         |       |     |     |
| Sound Level @ 23 ft (7m) and 100% Load - dB(A) | 68                   |      |      | 69                   |      |     | 70                    |       |     | 74                   |       |     | 76                   |       |     |     |
| <b>AVAILABLE MARKETS</b>                       |                      |      |      |                      |      |     |                       |       |     |                      |       |     |                      |       |     |     |
| *Dedicated 600V generator                      | 60Hz Only            |      |      | 60Hz Only            |      |     | 50Hz/60Hz Switchable  |       |     | 60Hz Only            |       |     | 60Hz Only            |       |     |     |

**Tundra Package™ keeps the machine warm and running with uncompromising performance.**

- For reliable performance down to -40°F/°C, the Coolant Heater, Oil Pan Heater, Battery Charger and Heater Pad, and Heated Breather Hose provide the ultimate solution\*

\*The combination of these parts will change depending on the generator model



**Improve your generator's autonomy with any of these options**

- Positive air shut-off valve (Rodo Deaco®)
- Oil level maintainer
- Remote fuel valves
- Tundra Package™
- LoJack®

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Experience Doosan Portable Power and our industry-leading support and service. Whatever the job, we have the solution. From our comprehensive range of air compressors, lighting systems and generators to our rugged and reliable light compaction equipment, we have a solution to fit your needs. Running a successful business takes more than powerful equipment. That's why Doosan Portable Power partners with an experienced global dealer network to stand beside you every step of the way. Doosan Portable Power — more than 100 years of providing excellence.



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