

# DOOSAN

G150-III A & G200-III A | Product Range



# Specifications



| Models  | G150-III A               | G200-III A               |
|---|--------------------------|--------------------------|
| <b>Electrical performance and components</b>                            |                          |                          |
| Prime power @ 1500 RPM (50 Hz)  | 150 kVA                  | 200 kVA                  |
| Stand-by power @ 1500 RPM (50 Hz)                                       | 165 kVA                  | 220 kVA                  |
| Frequency   | 50 Hz (60 Hz - optional) | 50 Hz (60 Hz - optional) |
| Voltage, single phase / triple phase (50 Hz)                            | 230 V / 400 V            | 230 V / 400 V            |
| Voltage, single phase / triple phase (60 Hz)                            | 230 V / 440 V            | 230 V / 440 V            |
| Maximum sound power level @ 75% load                                    | 96 LwA                   | 97 LwA                   |
| Alternator make   | Leroy Somer              | Leroy Somer              |
| Alternator excitation type  | AREP                     | AREP                     |
| Alternator insulation class   | H                        | H                        |
| Alternator IP rating  | IP 23                    | IP 23                    |
| Main breaker make   | Schneider Electric       | Schneider Electric       |
| <b>Engine</b>   |                          |                          |
| Make  | John Deere               | John Deere               |
| Model   | 6068HFG82                | 6068HFG82                |
| Emission compliance   | EU Stage IIIA            | EU Stage IIIA            |
| Prime power (engine - net)  | 139 kW                   | 184 kW                   |
| Cylinders   | 6 (in line)              | 6 (in line)              |
| Electrical supply (DC)  | 12 V                     | 12 V                     |
| Speed regulation accuracy (steady state)                                | +/- 0.25%                | +/- 0.25%                |
| Fuel tank, usable capacity - std / extended                             | 500 l / 1000 l           | 500 l / 1000 l           |
| Fuel consumption @ 75% of the load                                      | 26.2 l/h                 | 36.3 l/h                 |
| Runtime @ 75% of the load - std / extended fuel tank                    | 19 h / 38 h              | 13.8 h / 27.6 h          |
| <b>Dimensions &amp; weights</b>   |                          |                          |
| Length  | 3524 mm                  | 3524 mm                  |
| Width   | 1200 mm                  | 1200 mm                  |
| Height - std / extended fuel tank                                       | 2103 mm / 2353 mm        | 2103 mm / 2353 mm        |
| Dry weight - std / extended fuel tank                                   | 2600 kg / 2850 kg        | 2700 kg / 2950 kg        |
| Wet weight - std / extended fuel tank                                   | 3100 kg / 3850 kg        | 3200 kg / 3950 kg        |
| <b>Standard features</b>  |                          |                          |
| Two element air filter  | ○                        | ○                        |
| Fuel filter with water separator  | ○                        | ○                        |
| Radiator access door  | ○                        | ○                        |
| Coolant fluid and engine oil external drains                            | ○                        | ○                        |
| Double wall fuel tank standard runtime (min. 12 h at 75% of the load)   | ○                        | ○                        |
| Containment base, 110% of all fluids                                    | ○                        | ○                        |
| Removable fuel filling port for tank cleaning                           | ○                        | ○                        |
| Combined containment and fuel tank drain plugs                          | ○                        | ○                        |
| Forklift pockets  | ○                        | ○                        |
| Central lifting point   | ○                        | ○                        |
| Safe lifting point access steps   | ○                        | ○                        |
| Keys on all access doors  | ○                        | ○                        |
| Robust battery isolator switch  | ○                        | ○                        |
| Analogue panel (gauges, auto-start control and alarms/shutdown module)  | ○                        | ○                        |
| Automatic start voltage free contacts                                   | ○                        | ○                        |
| 4-pole circuit breaker  | ○                        | ○                        |
| Adjustable earth leakage protection 30mA - 30A                          | ○                        | ○                        |
| Robust connection busbar  | ○                        | ○                        |
| Heavy duty alternator winding impregnation (LS System 2)                | ○                        | ○                        |
| <b>Options</b>  |                          |                          |
| Digital control panel   | ■                        | ■                        |
| Dual frequency with digital control panel                               | ■                        | ■                        |
| Multiple neutral / earthing system                                      | ■                        | ■                        |
| Synchronization panel   | ■                        | ■                        |
| Power Management Software (only with synchronization option)            | ■                        | ■                        |
| Dual frequency with synchronization panel                               | ■                        | ■                        |
| Double wall fuel tank extended runtime (min. 24 h at 75% of the load)   | ■                        | ■                        |
| 3-way fuel supply internal valve block                                  | △                        | △                        |
| 3-way fuel supply internal valve block - external fuel connection ready | △                        | △                        |
| Containment / fuel drain riveted cover                                  | ■                        | ■                        |
| Frame peripheral rubber protection                                      | △                        | △                        |
| Earth rod and cable   | △                        | △                        |
| Heavy duty alternator winding impregnation (LS System 4)                | ■                        | ■                        |
| Oil sump pump   | △                        | △                        |
| Containment manual drain pump (factory mounted)                         | ■                        | ■                        |
| Socket panel CE   | △                        | △                        |
| Socket panel UK   | △                        | △                        |
| 230 Volts battery charger and engine block heater                       | △                        | △                        |
| Refinery kit  | ■                        | ■                        |
| Customized colour (canopy / canopy and frame)                           | ■                        | ■                        |

○ = Standard   ■ = Optional   △ = Retrofittable option