

DOOSAN

G80-IIIA & G100-IIIA | Product Range



Specifications



| Models | G80-III A | G100-III A |
|--|--------------------------|--------------------------|
| Electrical performance and components | | |
| Prime power @ 1500 RPM (50 Hz) | 80 kVA | 100 kVA |
| Stand-by power @ 1500 RPM (50 Hz) | 88 kVA | 110 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 |
| Maximum sound power level @ 75% load | 94 LwA | 95 LwA |
| Alternator make | Leroy Somer | Leroy Somer |
| Alternator model | LSA 43.2 L8 | LSA 44.2 VS45 |
| Alternator excitation type | AREP | AREP |
| Alternator insulation class | H | H |
| Alternator IP rating | IP 23 | IP 23 |
| Main breaker make | Schneider Electric | Schneider Electric |
| Engine | | |
| Make | John Deere | John Deere |
| Model | 4045 HFG82 | 4045 HFG82 |
| Emission compliance | EU Stage IIIA | EU Stage IIIA |
| Prime power (engine - net) | 75 kW | 93 kW |
| Cylinders | 4 (in line) | 4 (in line) |
| Electrical supply (DC) | 12 V | 12 V |
| Speed regulation accuracy (steady state) | +/- 0.25% | +/- 0.25% |
| Fuel tank, usable capacity - std / extended | 280 l / 560 l | 280 l / 560 l |
| Fuel consumption @ 75% of the load | 14.3 l/h | 19.6 l/h |
| Runtime @ 75% of the load - std / extended fuel tank | 19.5 h / 39 h | 14.3 h / 28.6 h |
| Dimensions & weights | | |
| Length | 2739 mm | 2739 mm |
| Width | 1200 mm | 1200 mm |
| Height - std / extended fuel tank | 1666 mm / 1834 mm | 1666 mm / 1834 mm |
| Dry weight - std / extended fuel tank | 1798 kg / 1975 kg | 1858 kg / 2035 kg |
| Wet weight - std / extended fuel tank | 2070 kg / 2495 kg | 2130 kg / 2555 kg |
| Standard features | | |
| 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 30 mA - 30 A | ○ | ○ |
| Robust connection busbar | ○ | ○ |
| Heavy duty alternator winding impregnation (LS System 2) | ○ | ○ |
| Options | | |
| Digital control panel | ■ | ■ |
| Dual frequency with digital control panel | ■ | ■ |
| Multiple neutral / earthing system | ■ | ■ |
| 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 | △ | △ |
| Battery charger (230 V) and engine block heater | △ | △ |
| Refinery kit | ■ | ■ |
| Customized colour (canopy / canopy and frame) | ■ | ■ |

○ = Standard ■ = Optional △ = Retrofittable option