

DOOSAN

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



Specifications



Models	G150-III A	G200-III A
Electrical performance and components		
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
Engine		
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
Dimensions & weights		
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
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 30mA - 30A	○	○
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	■	■
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