

# DOOSAN

G80-IIIA & G100-IIIA | Product Range



# Specifications



Models	G80-III A	G100-III A
<b>Electrical performance and components</b>		
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
<b>Engine</b>		
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
<b>Dimensions &amp; weights</b>		
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
<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 30 mA - 30 A	○	○
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	■	■
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