

DOOSAN

G400-IIIA & G500-IIIA | Product Range



Specifications



Models	G400-III A	G500-III A
Electrical performance and components		
Prime power @ 1500 RPM (50 Hz)	400 kVA	500 kVA
Stand-by power @ 1500 RPM (50 Hz)	440 kVA	550 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	98 LwA	99 LwA
Alternator make	Leroy Somer	Leroy Somer
Alternator model	47.2 S4	47.2 M7
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	Scania	Scania
Model	DC13 071A	DC16 071A
Emission compliance	EU Stage IIIA	EU Stage IIIA
Prime power (engine - net)	364	438
Cylinders	L6	V8
Electrical supply (DC)	24 V	24 V
Speed regulation accuracy (steady state)	+ / - 0.25 %	+ / - 0.25 %
Fuel tank, usable capacity - std / extended	1050 l / 1750 l	1050 l / 1750 l
Fuel consumption @ 75% of the load	64.5 l/h	83 l/h
Runtime @ 75% of the load - std / extended fuel tank	16 h / 27 h	13 h / 21 h
Dimensions & weights		
Length	4760 mm	4760 mm
Width	1740 mm	1740 mm
Height - std / extended fuel tank	2340 mm / 2540 mm	2340 mm / 2540 mm
Dry weight - std / extended fuel tank	5010 kg / 5195 kg	5495 kg / 5195 kg
Wet weight - std / extended fuel tank	5985 kg / 6650 kg	6490 kg / 7155 kg
Standard features		
Digital control panel	○	○
Electronic speed regulation	○	○
Two element air filter	○	○
Fuel filter with water separator	○	○
Hinged radiator access door	○	○
Coolant fluid and engine oil external drains	○	○
Double wall fuel tank standard runtime (min. 10 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	○	○
Keys on main access doors	○	○
Robust battery isolator switch	○	○
Automatic start voltage free terminals	○	○
4-poles circuit breaker	○	○
Adjustable earth leakage protection	○	○
Robust connection busbar	○	○
Heavy duty alternator winding impregnation (LS System 2)	○	○
Options		
Dual frequency with digital control panel	■	■
Multiple neutral / earthing systems	■	■
Synchronization panel with AGC200 or AGC4 (Power Management Software optional)	■	■
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	△	△
Riveted cover for containment / fuel tank drain plugs	△	△
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