



DESIGN SPECIFICATIONS

- ✓ High quality, reliable and complete power unit
- ✓ Compact design
- ✓ Easy start and maintenance
- ✓ Fully tested for load, controls and safety shutdown functions
- ✓ Warranted for B100 Bio Diesel at EN14214 Standard
- ✓ List of Optional Extras

415/240V 50 Hz	Generating Set Model		JSP BD 500
Power Factor 0.8	Prime	kVA	500
		kW	400
	Standby	kVA	550
		kW	440

Prime: Continuous running at variable load for unlimited periods with 10% overload available for 1 hour in any 12 hour period. In accordance with ISO 8528, ISO 3046.
Standby: Continuous running at variable load for duration of an emergency. No overload is permitted on these ratings. In accordance with ISO 3046, BS 5514.

TECHNICAL DATA*

Engine Model	Scania DC16-44A	Alternator	Newage Stamford
Number of Cylinders	V8	Heat Rejection to Exhaust (Max)	338.0 KW
Cubic Capacity	15.6 litre	Heat Rejection to Cooling System (Max)	290.0 KW
Aspiration	Turbocharged	Exhaust Temperature (Max)	484 deg C
Engine Speed (RPM)	1500 rpm	Combustion Air Flow (Max)	33.1 cu m / min
Frequency	50 Hz	Fuel Tank Capacity‡	1,000 litre
Amperage	694 amp per phase	Fuel Consumption at Full Prime Rating	100.3 litre per hour

DIMENSIONS*

Length (A)	5,400 mm
Width (B)	1,600 mm
Height (C)	2,095 mm
Total Height of exhaust rain cap (D)	2,229 mm
Max. Projection of open end door (E)	1,000 mm
Max. Projection of open side door (F)	1,105 mm

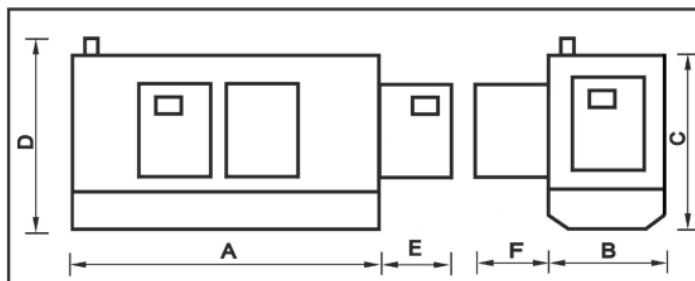
WEIGHT*

Wet (with lube oil and coolant)	5,950 kg
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SOUND LEVELS*

Load	15m	7m	1m
100%	63.4dB(A)	69.4dB(A)	82.2dB(A)
75%	62.7dB(A)	68.7dB(A)	80.9dB(A)

‡ Bundled fuel tank capacity reduced to 900 litres



FEATURES*

	Manual Start, Main Power Set		Automatic Start, Standby Set	
	Standard	Optional	Standard	Optional
Sound Attenuated, Weatherproof Canopy	✓		✓	
Base Fuel Tank	✓		✓	
DEFRA Bundled Base Fuel Tank (Standard on UK Models)‡		✓		✓
Oil, Fuel & Air Filters	✓		✓	
Coolant Water Heater			✓	
Lube Oil Pump / Drain	✓		✓	
Vibration isolated Control Panel	✓		✓	
Manual Control Panel	✓			
Auto Start Control Panel			✓	
Integral 5A Battery Charger			✓	
Automatic Transfer Panel				✓
12 Months International Warranty	✓		✓	
Output Circuit Breaker	✓		✓	
CE Certification (Standard on UK/ EU Models)		✓		✓
Service / Maintenance Contracts/ Remote Monitoring		✓		✓

*Specifications subject to change without notice

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