



\*Picture for illustrative purposes only

### DESIGN SPECIFICATIONS

- ✓ High quality, reliable and complete power unit
- ✓ Compact design
- ✓ Easy start and maintenance
- ✓ Fully tested for load, controls and safety shutdown functions
- ✓ Fully engineered with a range of optional extras and accessories.

415/240V 50 Hz	Generating Set Model		JSP 450
Power Factor 0.8	Prime	kVA	450
		kW	360
	Standby	kVA	500
		kW	400

**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 DC12-59A	Alternator	Newage Stamford
Number of Cylinders	6 in-line	Heat Rejection to Exhaust (Max)	307.0 kW
Cubic Capacity	11.7 litre	Heat Rejection to Cooling System (Max)	174.0 kW
Aspiration	Turbocharged	Exhaust Temperature (Max)	578 deg C
Engine Speed (RPM)	1500 rpm	Combustion Air Flow (Max)	26.7 cu m / min
Frequency	50 Hz	Fuel Tank Capacity‡	1,000 litre
Amperage	624 amp per phase	Fuel Consumption at Full Prime Rating	94.4 litre per hour

### DIMENSIONS\*

Length (A)	4,750 mm
Width (B)	1,600 mm
Height (C)	2,095 mm
Total Height of exhaust rain cap (D)	2,229 mm
Max Horizontal projection of end door (E)	995 mm
Max Horizontal projection of side doors (F)	1,105 mm

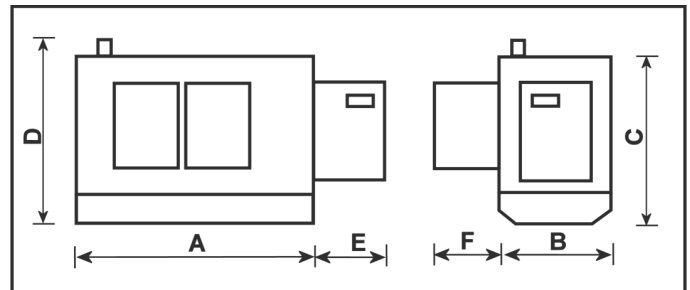
### WEIGHT\*

Wet (with lube oil and coolant)	4,730 kg
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### SOUND LEVELS\*

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

‡ Bundled fuel tank capacity reduced to 750 litres



### FEATURES\*

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 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/ NetBiter Remote Monitoring		✓		✓

\*Specifications subject to change without notice

Unit F, Venture Business Park, Witty Street, Hull, East Yorkshire, HU3 4EL, UK

T: +44 (0) 845 430 9110, F: +44 (0) 1482 222646, E: info@jspower.co.uk, W: www.jspower.co.uk