



*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
- ✓ Warranted for B100 Bio Diesel at EN14214 Standard
- ✓ List of Optional Extras

400/230V 50 Hz	Generating Set Model		JSP BD 100
Power Factor 0.8	Prime	kVA	100
		kW	80
	Standby	kVA	110
		kW	88

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	Sisu Diesel 49 DTG	Alternator	Newage Stamford
Number of Cylinders	4 in-line	Heat Rejection to Exhaust (Max)	61.8 kW
Cubic Capacity	4.90 litre	Heat Rejection to Cooling System (Max)	60.4 kW
Aspiration	Turbocharged	Exhaust Temperature (Max)	555 deg C
Engine Speed (RPM)	1500 rpm	Combustion Air Flow (Max)	5.6 cu m / min
Frequency	50 Hz	Fuel Tank Capacity	220 litre
Amperage	139 amp per phase	Fuel Consumption at Full Prime Rating	21.1 litre per hour

DIMENSIONS*

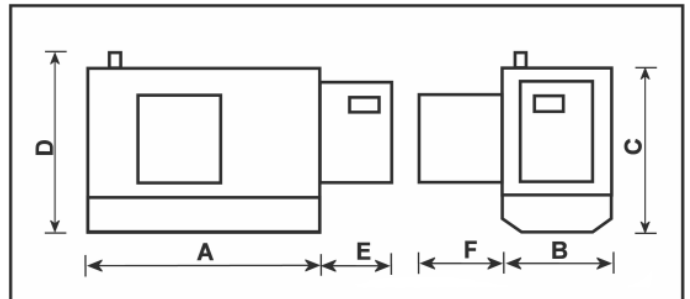
Length (A)	2,850 mm
Width (B)	1,110 mm
Height (C)	1,705 mm
Total Height of exhaust rain cap (D)	1,809 mm
Max. Projection of open end door (E)	750 mm
Max. Projection of open side doors (F)	1,085 mm

WEIGHT*

Wet (with lube oil and coolant)	1,644 kg
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SOUND LEVELS*

Load	15m	7m	1m
100%	62.3 dB(A)	68.3 dB(A)	78.1 dB(A)
75%	61.7 dB(A)	67.7 dB(A)	77.1 dB(A)



FEATURES*

FEATURES*	Manual Start, Main Power Set		Automatic Start, Standby Set	
	Standard	Optional	Standard	Optional
Sound Attenuated, Weatherproof Canopy	✓		✓	
Base Fuel Tank	✓		✓	
DEFRA Bunded 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	✓		✓	
Service / Maintenance Contracts		✓		✓

*Specifications subject to change without notice

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