



\*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.

400/230V 50 Hz	Generating Set Model		JSP 500
Power Factor 0.8	Prime	kVA	500
		kW	400
	Standby	kVA	550
		kW	440

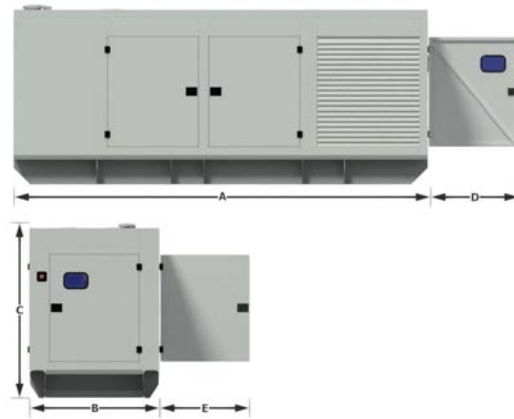
**Prime:** Continuous running at variable load for unlimited periods with 10% overload available for 1 hour in any 12 hour period. In accordance with ISO 8528, ISO 3046.  
**Standby:** Continuous running at variable load for duration of an emergency. No overload is permitted on these ratings. In accordance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

TECHNICAL DATA*			
Engine Model	Scania DC13-072A 02-14	Alternator	Mecc Alte
Number of Cylinders	6 in-line	Heat Rejection to Exhaust (Max)	344.0 kW
Cubic Capacity	12.7 litre	Heat Rejection to Cooling System (Max)	158.0 kW
Aspiration	Turbocharged	Exhaust Temperature (Max)	563 deg C
Engine Speed (RPM)	1500 rpm	Combustion Air Flow (Max)	28.2 cu m / min
Frequency	50 Hz	Standard Fuel Tank Capacity‡	1020 litre
Amperage	721 amp per phase	Fuel Consumption at Full Prime Rating	99.4 litre per hour

DIMENSIONS*	
Length (A)	5,000 mm
Width (B)	1,600 mm
Height (C)	2,100 mm
Max Horizontal projection of end door (D)	1,108 mm
Max Horizontal projection of side doors (E)	1,108 mm
<b>WEIGHT*</b>	
Wet (with lube oil and coolant)	4,770 kg

SOUND LEVELS* CE			
Load	15m	7m	1m
100%	66.1 dB(A)	70.2 dB(A)	79.3 dB(A)
75%	65.0 dB(A)	69.7 dB(A)	78.7 dB(A)

‡ Bundled fuel tank capacity reduced to 880 litres



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 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

