



*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

| 240V 50 Hz | Generating Set Model | | JSP SPBD 45 |
|---------------------|----------------------|-----|-------------|
| Power Factor 0.8 | Prime | kVA | 45 |
| | | kW | 36 |
| | Standby | kVA | 49 |
| | | kW | 39 |

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 320 DSRG | Alternator | Newage Stamford |
| Number of Cylinders | 3 in-line | Heat Rejection to Exhaust (Max) | 50.5 kW |
| Cubic Capacity | 3.30 litre | Heat Rejection to Cooling System (Max) | 39.2 kW |
| Aspiration | Turbocharged | Exhaust Temperature (Max) | 521 deg C |
| Engine Speed (RPM) | 1500 rpm | Combustion Air Flow (Max) | 3.9 cu m/min |
| Frequency | 50 Hz | Fuel Tank Capacity | 220 litre |
| Amperage | 187 amp | Fuel Consumption at Full Prime Rating | 14.3 litre per hour |

DIMENSIONS*

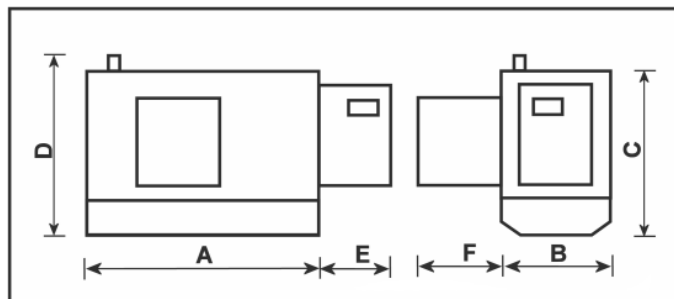
| | |
|--|----------|
| Length (A) | 2,385 mm |
| Width (B) | 1,100 mm |
| Height (C) | 1,643 mm |
| Total Height of exhaust rain cap (D) | 1,752 mm |
| Max Horizontal projection of end door (E) | 750 mm |
| Max Horizontal projection of side door (F) | 1,085 mm |

WEIGHT*

| | |
|---------------------------------|----------|
| Wet (with lube oil and coolant) | 1,320 kg |
|---------------------------------|----------|

SOUND LEVELS*

| Load | 15m | 7m | 1m |
|------|-----------|-----------|-----------|
| 100% | 58.4dB(A) | 64.4dB(A) | 73.3dB(A) |
| 75% | 57.9dB(A) | 63.9dB(A) | 71.8dB(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 (Standard on UK / EU Models) | | ✓ | | ✓ |
| Service / Maintenance Contracts/ Remote Monitoring | | ✓ | | ✓ |

*Specifications subject to change without notice

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