STANDARD SPECIFICATIONS

1. ENGINE
Perkins four stroke heavy duty high performance industrial type diesel engine.

2. ENGINE FILTRATION SYSTEM
- Two Cartridge type dry air filters.
- Cartridge type fuel filter.
- Six Full flow lube oil filters.
All filters have replaceable elements.

3. TROPICAL COOLING RADIATOR
Radiator and cooling fan, complete with safety guards, designed to cool the engine at high ambient temperatures (consult your dealer for de-ration factors).

4. EXHAUST SYSTEM
Heavy duty Industrial Exhaust Silencer.

5. CIRCUIT BREAKER TYPE
ABB 3 pole ACB (supplied disconnected and without cables)*. (4 pole is optional).

DSE7320 is an Auto Mains (Utility) Failure Control Module. It is operated via the START, STOP, AUTO and MANUAL soft touch membrane buttons on the front panel. DSE7320 can be controlled remotely using either a GSM Modem, Ethernet via DSE860/865 or via RS485.

Protection:
- Fail to start
- Low oil pressure
- High engine temperature
- U/O Voltage shutdown
- U/O Frequency shutdown
- Underspeed, Overspeed
- Loss of engine speed detection
- High/Low battery voltage
- KW overload
- Unbalanced load
- Low fuel alarm (if fitted)
- Battery charger failure (if fitted)

(Please refer to DSE7320 brochure for more details)

AN INSPIRED DESIGN TO MEET YOUR NEEDS

Generators pictured may include optional accessories

POWERED BY:

[Jet Generators logo]

Deep Sea

Make Model

OUTPUT RATINGS

Prime Standby

380-415 V, 3 ph, 50 Hz, 1500 rpm

1125 KVA
1250 KVA
900 KW
1000 KW

Ratings at 0.8 Power Factor

GENERATING SET MODEL (JP1100)

| Engine Make | Perkins |
| Engine Model | 4008 - 30TAG3 |
| Governing Type | Electronic |
| Number of Cylinders | 8 |
| Cylinder Arrangement | In line |
| Bore and Stroke mm | 160 x 190 |
| Displacement / Cubic Capacity litres | 30.561 |
| Induction System | Turbocharged and air to air charge cooled |
| Cycle | 4 stroke |
| Combustion System | Direct Injection |
| Compression Ratio | 13:1 |
| Rotation | Anti-clockwise, viewed from flywheel end |
| Cooling System | Water - cooled |
| Frequency and Engine Speed | 50Hz & 1500rpm |

| Make | Leroy Somer |
| Model | LSA50.2M6 |
| No. of bearings | 1 |
| Insulation class | H |
| Total Harmonic Content | <3.5% |
| Wires | 6 |
| Ingress Protection | IP23 |
| Excitation System | AREP |
| Winding Pitch | 2/3 (n° 6S) |
| AVR Model | R450 |
| Overspeed | 2250 mm\(^{-1}\) |
| Voltage Regulation (steady) | ± 0.5% |
| Short Circuit Capacity | 300% (3 In):10s |

PMG Excitation System Available as Optional.

DSE7320 is an Auto Mains (Utility) Failure Control Module. It is operated via the START, STOP, AUTO and MANUAL soft touch membrane buttons on the front panel. DSE7320 can be controlled remotely using either a GSM Modem, Ethernet via DSE860/865 or via RS485.

Protection:
- Fail to start
- Low oil pressure
- High engine temperature
- U/O Voltage shutdown
- U/O Frequency shutdown
- Underspeed, Overspeed
- Loss of engine speed detection
- High/Low battery voltage
- KW overload
- Unbalanced load
- Low fuel alarm (if fitted)
- Battery charger failure (if fitted)

(4 pole is optional)

(9 pole is optional)

(2 pole is optional)

(4 pole is optional)

(5 pole is optional)

(7 pole is optional)

(11 pole is optional)

(15 pole is optional)

(20 pole is optional)

(23 pole is optional)

(28 pole is optional)

(30 pole is optional)

(33 pole is optional)

(37 pole is optional)

(40 pole is optional)

(43 pole is optional)

(46 pole is optional)

(49 pole is optional)

(50 pole is optional)

(53 pole is optional)

(56 pole is optional)

(59 pole is optional)

(60 pole is optional)

(63 pole is optional)

(66 pole is optional)

(69 pole is optional)

(72 pole is optional)

(75 pole is optional)

(78 pole is optional)

(80 pole is optional)

(83 pole is optional)

(86 pole is optional)

(88 pole is optional)

(90 pole is optional)

(93 pole is optional)

(95 pole is optional)

(98 pole is optional)

(100 pole is optional)

(102 pole is optional)

(104 pole is optional)

(106 pole is optional)

(108 pole is optional)

(110 pole is optional)

(112 pole is optional)

(114 pole is optional)

(116 pole is optional)

(118 pole is optional)

(120 pole is optional)

(122 pole is optional)

(124 pole is optional)

(126 pole is optional)

(128 pole is optional)

(130 pole is optional)

(132 pole is optional)

(134 pole is optional)

(136 pole is optional)

(138 pole is optional)

(140 pole is optional)

(142 pole is optional)

(144 pole is optional)

(146 pole is optional)

(148 pole is optional)

(150 pole is optional)

(152 pole is optional)

(154 pole is optional)

(156 pole is optional)

(158 pole is optional)

(160 pole is optional)

(162 pole is optional)

(164 pole is optional)

(166 pole is optional)

(168 pole is optional)

(170 pole is optional)

(172 pole is optional)

(174 pole is optional)

(176 pole is optional)

(178 pole is optional)

(180 pole is optional)

(182 pole is optional)

(184 pole is optional)

(186 pole is optional)

(188 pole is optional)

(190 pole is optional)

(192 pole is optional)

(194 pole is optional)

(196 pole is optional)

(198 pole is optimal
We offer a range of optional features and accessories to tailor our generating sets to meet your power needs.

**OPTIONS**
- A variety of generating set control and synchronizing panels
- Additional protection alarms and shutdowns
- Water fuel separator
- Water jacket heater
- Battery charger

**ACCESSORIES**
- Genuine spare parts
- Load banks
- Auxiliary fuel tanks
- Manual & automatic transfer switches

For further information on all of the standard and optional features accompanying this product please contact your local dealer or visit www.JubailiBros.com

**RATINGS DEFINITION**

**Prime Power**
These ratings are applicable for supplying continuous electrical power (at variable load) in lieu of commercially purchased power. 10% overload power is available for 1 hour in 12 hours continuous operation.

**Standby Power**
These ratings are applicable for supplying continuous electrical power (at variable load) in the event of a utility power failure. No overload is permitted on these ratings.

**STANDARD REFERENCE CONDITIONS**
Output ratings are presented at 25°C air inlet temperature, barometric pressure 100 kPa, relative humidity 30%. This generating set is designed to operate at high ambient temperatures (up to 55°C), humidity (up to 99%) and higher altitudes. De-rating may apply, please consult your dealer for specific site ratings.

Some of the specifications are not standard on all Genset models.

**AVAILABLE OPTIONS & ACCESSORIES**

Distributed and Serviced by:

For further information on all of the standard and optional features accompanying this product please contact your local dealer or visit www.JubailiBros.com