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

2. ENGINE FILTRATION SYSTEM
- Two Cartridge type dry air filters.
- Two Cartridge type fuel filters.
- 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)

Make
Model

JET Generators

POWERED BY:

Perkins

Generating Set pictured may include optional accessories

GENERATING SET MODEL (JP2000)
Output Ratings Prime Standby
380-415 V, 3 ph, 50 Hz, 1500 rpm 2000 KVA 2250 KVA
1600 KW 1800 KW

ENGINE / TECHNICAL DATA
Engine Make Perkins
Engine Model 4016TAG2A
Governing Type Electronic
Number of Cylinders 16
Cylinder Arrangement 60° Vee
Bore and Stroke mm 160 x 190
Displacement / Cubic Capacity litres 61.123
Induction System Turbocharged
Cycle 4 stroke, compression ignition
Combustion System Direct Injection
Compression Ratio 13.6:1 nominal
Rotation Anti-clockwise, viewed on flywheel end
Cooling System Water
Frequency and Engine Speed 50Hz & 1500rpm

ALTERNATOR DATA
Make Leroy Somer
Model LSA51.2M60
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 R449
Overspeed 2250 mm⁻¹
Voltage Regulation ± 0.5%
Short Circuit Capacity 300% (3 In):10s
PMG Excitation System Available as Optional.

CONTROL PANEL
Make Deep Sea
Model DSE7320

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- High/Low battery voltage
- kW overload
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- Low fuel alarm (if fitted)
- Battery charger failure (if fitted)

AN INSPIRED DESIGN TO MEET YOUR NEEDS

(continued)
AN INSPIRED DESIGN TO MEET YOUR NEEDS

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-ration may apply, please consult your dealer for specific site ratings.

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

AVAILABLE OPTIONS & ACCESSORIES
We offer a range of optional features and accessories to tailor our generating sets to meet your power needs.

- 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

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