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
• I/O Voltage shutdown
• I/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

ALTERNATOR DATA

Make
Model

Engine Make
Engine Model
Governing Type
Number of Cylinders
Cylinder Arrangement
Bore and Stroke mm
Displacement / Cubic Capacity litres
Induction System
Cycle
Combustion System
Compression Ratio
Rotation
Cooling System
Frequency and Engine Speed

50Hz & 1500rpm

ENGINE / TECHNICAL DATA

Gross Engine Power kW (hp)
Fuel Consumption @ 50% load L/hr
@ 75% load L/hr
@ 100% load L/hr
Total Lubrication System Capacity litres
Total Coolant Capacity litres
Boost Pressure Ratio
Exhaust Temperature: °C
Radiator Cooling Air Flow (Min): m³/sec
Combustion Air Flow: m³/min
Exhaust Gas Flow: m³/min
Fuel Tank Capacity: litres

Dimensions and Weight

Length cm
Width cm
Height cm
Weight* kg (net)

500
180
250
9250

* For skid mounted genset without enclosure

湿重 = 带润滑油和冷却液

AN INSPIRED DESIGN TO MEET YOUR NEEDS

Generating Set pictured may include optional accessories

JP1250

POWERED BY:

Perkins

FreySom

Generators

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Make
Model

CONTROL PANEL

Make
Model

(continues)
We offer a range of optional features and accessories to tailor our generating sets to meet your power needs.

<table>
<thead>
<tr>
<th>OPTIONS</th>
<th>ACCESSORIES</th>
</tr>
</thead>
<tbody>
<tr>
<td>• A variety of generating set control and synchronizing panels</td>
<td>• Genuine spare parts</td>
</tr>
<tr>
<td>• Additional protection alarms and shutdowns</td>
<td>• Load banks</td>
</tr>
<tr>
<td>• Water fuel separator</td>
<td>• Auxiliary fuel tanks</td>
</tr>
<tr>
<td>• Water jacket heater</td>
<td>• Manual &amp; automatic transfer switches</td>
</tr>
</tbody>
</table>

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

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

Distributed and Serviced by:

JUBAILI BROS

JET Generators are assembled in facilities certified to ISO 9001

All information in this document is substantially correct at time of printing and may be altered subsequently.

ISO 9001: 2008FM 56710

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AN INSPIRED DESIGN TO MEET YOUR NEEDS

STANDARD SPECIFICATIONS

6. FUEL SYSTEM
On Generating Sets up to 700 KVA, the baseframe design is incorporated with an integral fuel tank with a capacity of approx. 8 hours running at Full Load. The tank is supplied complete with fill cap breather, fuel feed and return lines to the Engine and drain plug.

7. ALTERNATOR
7.1 INSULATION SYSTEM
- The insulation system is Class H.
- All windings are impregnated in either a triple dip thermosetting liquid, oil and acid resisting polyester varnish or vacuum pressure impregnated with a special polyester resin.
- Heavy coat of antitracking varnish additional protection against moisture or condensation.

7.2 AUTOMATIC VOLTAGE REGULATOR (AVR)
The fully sealed Automatic Voltage Regulator maintains the Voltage Regulation at ±0.5%. Nominal adjustment by means of a trim pot incorporated on the AVR.

7.3 MOTOR STARTING
An overload capacity equivalent to 300% of the Full Load impedance at zero Power Factor can be sustained for 10 seconds.

8. MOUNTING ARRANGEMENT
8.1 BASE FRAME
The complete Generating Set is mounted as a whole on a heavy duty fabricated steel Baseframe.

8.2 COUPLING
The Engine and Alternator are directly coupled by means of an SAE flange. The Engine flywheel is flexibly coupled to the Alternator rotor.

8.3 ANTI-VIBRATION MOUNTING PADS
Anti-Vibration pads are affixed between the Engine / Alternator feet and the Baseframe thus ensuring complete vibration isolation of the rotating assembly.

8.4 SAFETY GUARDS
The Fan & Fan Drive along with the Battery Charging Alternator are Safety Guard protected for personnel protection.

9. FACTORY TESTS
• The Generating set is load tested before dispatch
• All protective devices control functions and site load conditions are simulated. The generator and it’s systems are checked before dispatch.

10. EQUIPMENT FINISHING
All mild steel components are fully degreased and painted with powder coated paint to ensure maximum scuff resistance and durability.

11. DOCUMENTATIONS
Operation & Maintenance manual, Circuit wiring diagrams and Commissioning / Fault Finding instruction leaflets are accompanied with the Generator.

12. QUALITY STANDARDS
The equipment meets the following standards: BS5099, BS25000, BS5514 IEC 60034, VDE0530, NEMA MG 1.22 and ISO 8528.

13. WARRANTY
All of the Generating Sets are covered under a warranty policy for a period of 12 months. Warranty of the equipment is in line with manufacturers warranty terms & conditions. (check warranty statement for more details, as it may vary for different countries)