STANDARD SPECIFICATIONS

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

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

3. 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
3 pole ACB / MCCB (supplied disconnected and without cables)*

The DSE6110 is an Auto Start Control Module for single genset applications. It includes a backlit LCD display which clearly shows the status of the engine all the times. This module can either be programmed using the front panel or by using the DSE configuration suite PC software.

Metering and Alarm indications:
- Generator frequency
- Underspeed, Overspeed
- Generator volts (L-L, L-N)
- Generator current
- Engine oil pressure
- Engine coolant temperature
- Fuel level (Warning or shutdown) - Optional
- Hours run counter
- Battery volts
- Fail to start/stop
- Emergency stop
- Failed to reach loading voltage/frequency
- Charge fail
- Loss of magnetic pick-up signal - Optional
- Low DC voltage
- CAN diagnostics and CAN fail/error

(14 dB)
Maximum allowable back pressure 6.8 (kPa)

(346x493 to 436x746)

AN INSPIRED DESIGN TO MEET YOUR NEEDS

GENERATING SET MODEL (JP600)

<table>
<thead>
<tr>
<th>Output Ratings</th>
<th>Prime</th>
<th>Standby</th>
</tr>
</thead>
<tbody>
<tr>
<td>380-415 V, 3 ph, 50 Hz, 1500 rpm</td>
<td>600 KVA</td>
<td>660 KVA</td>
</tr>
<tr>
<td>480 V, 3 ph, 60 Hz, 1800 rpm</td>
<td>480 KW</td>
<td>528 KW</td>
</tr>
<tr>
<td>625 V, 3 ph, 480 V, 60 Hz</td>
<td>625 KVA</td>
<td>687 KVA</td>
</tr>
<tr>
<td>500 KW</td>
<td>550 KW</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ENGINE / TECHNICAL DATA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Engine Make</td>
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<tr>
<td>Engine Model</td>
</tr>
<tr>
<td>Governing Class</td>
</tr>
<tr>
<td>Number of Cylinders</td>
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<tr>
<td>Cylinder Arrangement</td>
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<tr>
<td>Bore and Stroke mm</td>
</tr>
<tr>
<td>Displacement / Cubic Capacity litres</td>
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<tr>
<td>Induction System</td>
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<tr>
<td>Cycle</td>
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<tr>
<td>Combustion System</td>
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<tr>
<td>Compression Ratio</td>
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<tr>
<td>Rotation</td>
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<td>Cooling System</td>
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<tr>
<td>Frequency and Engine Speed</td>
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<tr>
<td>Gross Engine Power kW (hp)</td>
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<tr>
<td>Fuel Consumption @ 50% load L/hr</td>
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<tr>
<td>@ 75% load L/hr</td>
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<tr>
<td>@ 100% load L/hr</td>
</tr>
<tr>
<td>Total Lubrication System Capacity litres</td>
</tr>
<tr>
<td>Total Coolant Capacity litres</td>
</tr>
<tr>
<td>Boost Pressure Ratio</td>
</tr>
<tr>
<td>Exhaust Temperature: °C</td>
</tr>
<tr>
<td>Radiator Cooling Air Flow (Min): m³/sec</td>
</tr>
<tr>
<td>Combustion Air Flow: m³/min</td>
</tr>
<tr>
<td>Exhaust Gas Flow: m³/min</td>
</tr>
<tr>
<td>Fuel Tank Capacity: litres</td>
</tr>
</tbody>
</table>

CONTROLL PANEL

Make | Deep Sea
Model | DSE6110

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The DSE6110 includes:
- Generator frequency
- Underspeed, Overspeed
- Generator volts (L-L, L-N)
- Generator current
- Engine oil pressure
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(14 dB)
Maximum allowable back pressure 6.8 (kPa)

(346x493 to 436x746)
AN INSPIRED DESIGN TO MEET YOUR NEEDS

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

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

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

Distributed and Serviced by:

In line with continuous product development, we reserve the right to change specifications without notice.