Ratings at 0.8 Power Factor

Output Ratings

<table>
<thead>
<tr>
<th>Voltage</th>
<th>Prime</th>
<th>Standby</th>
<th>Prime</th>
<th>Standby</th>
</tr>
</thead>
<tbody>
<tr>
<td>480 V, 3 ph, 60 Hz, 1800 rpm</td>
<td>995.0 KVA</td>
<td>1094.0 KVA</td>
<td>796.0 KW</td>
<td>875.2 KW</td>
</tr>
<tr>
<td>380 V, 3 ph, 60 Hz, 1800 rpm</td>
<td>995.0 KVA</td>
<td>1094.0 KVA</td>
<td>796.0 KW</td>
<td>875.2 KW</td>
</tr>
</tbody>
</table>

For 60Hz, 220V - Output Ratings to be determine as per customer’s power requirements.

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.
- Three 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 MCCB. (4 pole is optional)

ALTERNATOR DATA

<table>
<thead>
<tr>
<th>Make</th>
<th>Model</th>
</tr>
</thead>
<tbody>
<tr>
<td>Leroy Somer</td>
<td>LSA49.1L11</td>
</tr>
<tr>
<td>No. of bearings</td>
<td>1</td>
</tr>
<tr>
<td>Insulation class</td>
<td>H</td>
</tr>
<tr>
<td>Total Harmonic Content</td>
<td>&lt;4%</td>
</tr>
<tr>
<td>Wires</td>
<td>6</td>
</tr>
<tr>
<td>Ingress Protection</td>
<td>IP23</td>
</tr>
<tr>
<td>Excitation System</td>
<td>AREP</td>
</tr>
<tr>
<td>Winding Pitch</td>
<td>2/3 (n° 6S)</td>
</tr>
<tr>
<td>AVR Model</td>
<td>R450</td>
</tr>
<tr>
<td>Overspeed</td>
<td>2250 mm⁻¹</td>
</tr>
<tr>
<td>Voltage Regulation (steady)</td>
<td>± 0.5%</td>
</tr>
<tr>
<td>Short Circuit Capacity</td>
<td>300% (3 In):10s</td>
</tr>
</tbody>
</table>
| PMG Excitation System Available as Optional.

CONTROL PANEL

Make: Deep Sea
Model: DSE7320

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)

(DS37320 brochure for more details)

AN INSPIRED DESIGN TO MEET YOUR NEEDS
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