STANDARD SPECIFICATIONS

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

2. ENGINE FILTRATION SYSTEM
- Cartridge type dry air filter.
- Cartridge type fuel filter.
- 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
ABB 3 pole MCB. (4 pole is optional)

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 at all 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

ALTERNATOR DATA
Make: Leroy Somer
Model: LSA42.3L9
No. of bearings: 1
Insulation class: H
Total Harmonic Content: <2%
Wires: 12
Ingress Protection: IP23
Excitation System: SHUNT
Winding Pitch: 2/3 (bob 6)
AVR Model: R250
Overspeed: 2250 mn⁻¹
Voltage Regulation (steady): ± 0.5%
Short Circuit Capacity: -
AREP & PMG Excitation System Available as Optional.

Engine / Technical Data

<table>
<thead>
<tr>
<th>Output Ratings</th>
<th>Prime</th>
<th>Standby</th>
</tr>
</thead>
<tbody>
<tr>
<td>480 V, 3 ph, 60 Hz, 1800 rpm</td>
<td>68.0 KVA</td>
<td>75.0 KVA</td>
</tr>
<tr>
<td>380 V, 3 ph, 60 Hz, 1800 rpm</td>
<td>59.0 KVA</td>
<td>64.9 KVA</td>
</tr>
<tr>
<td>220 V, 3 ph, 60 Hz, 1800 rpm</td>
<td>68.0 KVA</td>
<td>75.0 KVA</td>
</tr>
</tbody>
</table>

Dimensions and Weight

<table>
<thead>
<tr>
<th>Length cm</th>
<th>Width cm</th>
<th>Height cm</th>
<th>Weight* kg (wet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>165</td>
<td>73</td>
<td>132</td>
<td>960</td>
</tr>
</tbody>
</table>

* For skid mounted generator without enclosure

AN INSPIRED DESIGN TO MEET YOUR NEEDS
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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.

Available Options & Accessories

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

JUBAILI BROS

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

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

Jet Generators are assembled in facilities certified to ISO 9001.