



## **Ashok Leyland Diesel Generating Sets 15 to 500 KVA**

*We offer diesel generating sets, which are available in 15 KVA to 500 KVA in silent / non silent mode, single phase / three phases. These are robust in designs and construction and are manufactured ensuring low operational cost and noise level.*

**March 25, 2009 - [PRLog](#) -- TECHNICAL SPECIFICATION OF ASHOK LEYLAND DG SET COMPRISING OF:**

### **A. DIESEL ENGINE: ASHOK LEYLAND Diesel Engine**

Water Cooled, Vertical totally enclosed, electric start, compression ignition, 4 stroke, designed to run continuously at 1800 RPM confirming to IS-10000, BS-5514,

Standard complete with:

- Flywheel with starter ring
- Dry type air cleaner
- Mechanical Governor
- Exhaust Silencer
- Fuel Filter
- Fuel Pump
- Lub. Oil Filter
- Lub. Oil Pump
- Safety against LLOP & HWT
- 12V electric start system complete with starter , battery charging alternator
- Engine maintenance manual with spare parts list.

### **B. ALTERNATOR:**

Crompton/Leroy Somer Green Self excited, self regulated, Three phase, 50 / 60 Hz, 1500/ 1800 RPM, 415+/-5% Volts, 0.8 PF, Screen protected, Drip proof confirming to IS-4772:2001

### **C. CONTROL PANEL:**

The panel will be equipped as follows:

- ” MCB/ MDS/Indo Kopp/ Schneider/ Equi
- One ammeter with selector switch or 3 No. Ammeters – AE/IMP/Equi
- One voltmeter with selector switch – AE/IMP/Equi
- Instrument fuses
- Pilot lamps for ‘Load On’ and ‘ Set Running’
- Incoming & outgoing terminals

### **D. ACCESSORIES:**

- One no. Base Frame of sturdy design
- Set of AVM's fitted
- One no. Fuel tank
- battery leads.

#### TECHNICAL SPECIFICATION OF ACOUSTIC ENCLOSURE

- ? The enclosure is modular in construction.
- ? The enclosure is fabricated out of suitable thickness of cold rolled cold annealed (CRCA) sheet.
- ? Base frame is made of ISMC of suitable sections.
- ? Durable industrial locking system is provided on doors.
- ? Doors are gasketed with high quality gasket.

#### CORROSION RESISTANCE:

- ? Zinc passivity hardware is used to avoid rusting.

#### ACCOUSTIC INSULATION:

- ? Sound proofing of the enclosure is done with quality Rock Wool confirming to IS-8183 of 64 kg/m<sup>3</sup> density. More over HDPE layer is provided for Antidumping treatment
- ? Rock Wool is covered with Fiber tissue paper fire resistive.

#### VENTILATION & AIR CIRCULATION:-

Forced ventilation system is engineered to provide sufficient airflow for heat removal and combustion.

For any further assistance please contact us

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ISO 9001:2008 Certified  
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Envirotech Gensets Pvt. Ltd. is a foremost diesel generator sets manufacturer, based in India. The one-stop-shop for wide assortment of acoustic anechoic chamber, sound test chamber, DG sets etc., is named as Envirotech Gensets Pvt Ltd [egplindia@gmail.com](mailto:egplindia@gmail.com)

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Industry	<a href="#">Business</a> , <a href="#">Energy</a> , <a href="#">Electronics</a>

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