



AUTHORISED OEA FOR **ASHOK LEYLAND** DIESEL GENERATORS 15 KVA TO 250 KVA



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THE MARK ADVANTAGE

- ❖ To offering you many years of trouble-free ownership and performance. We at Mark Potentia has carefully selected those technologies which are not fully retain, but also enhance genset durability and onsite serviceability.
- ❖ We Meet the electric power needs of our customers with innovative, reliable, power solutions at affordable price for various industries
- ❖ With a quality and service network, we reach all remote corners across TamilNadu and Kerala. Our quality and robust design and product reliability makes us a preferred partner
- ❖ Our 24/7 Supply chain team ensures on time delivery, which in turn helps to provide maximum satisfaction to customers
- ❖ Reliable, Robust and Rugged design suitable for arduous environment

STANDARD DG PANEL

- ❖ The Generator set supplied with a standard Control Panel to operate in manual mode which consists of Engine controller, MCCB/MCB, Energy Meter (KWH) with sealing facilities, Multifunction meter which displays AC current/Voltage and frequency
- ❖ Poly carbonate CT and Earth Leakage Relay (ELR) with neutral CT for ranges from 100KVA and above as per the respective electrical insulation guidelines and norms

AUTO PANEL (Optional)

- ❖ The DG Set can also be supplied with Auto Panel to operate in manual as well as auto mode enabling the DG Set to switch ON/OFF automatically based on EB/Mains Supply
- ❖ Auto panel is supplied in standard panel configuration with Battery Charger, Control Panel and set of MCBs

AMF PANEL (Optional)

- ❖ APLC Based AMF Control Unit, which can operate on Auto, as well as manual mode
- ❖ It monitors the engine safety parameters and alarm/trip conditional will be displayed on the front panel
- ❖ The specific indication includes various conditions of operations such as DG ON, Load on DG, Load on Mains and healthiness of mains 3-Phase
- ❖ Our Genset can also be provided with remote, auto and GSM

CANOPY

- ❖ Ashok Leyland approved design, Warrantee free canopy which works for a life time without any maintenance
- ❖ Comply with the latest CPCB IV+ emission standards
- ❖ Low noise level 75dB @ 1 meter distance under free field conditions, certified by National Aerospace Laboratories, Bangalore (NAL)
- ❖ Manufactured with high quality CRCA Sheet
- ❖ Best in class German Engineered CNC Laser & CNC Press Break for precision finish
- ❖ Ergonomically designed, Robust, ease of access and serviceability.
- ❖ Pure Polyester powder coating with 7 tank process ensures maximum corrosion and UV protection
- ❖ Water and Dust resistant, glossy finish

CONTROLLER

- ❖ PLC based Genset controller displays a host of Genset parameters and put all controls at your fingertips
- ❖ LCD Display with Best-in-class monitoring and diagnostic capability
- ❖ Integrable with AMF & GSM
- ❖ Configurable PLC based on your requirement.
- ❖ Engine safety indication with tripping – Low lube oil pressure (LLOP), High Water Temperature (HWT), Low Fuel Level (LFL), Over Load, Unbalanced Load and under / Overspeed alternator safety indications and tripping – Overload, Under/Over Voltage, Unbalanced load current
- ❖ Alternator Parameters displayed – Voltage, Load, KW, Total KW, KVA, Total KWH, KVAR & PF etc.

ENGINE

- ❖ Ashok Leyland Engines have clocked millions of hours, Operating in some of India's most demanding conditions
- ❖ Reliable, Rugged and Robust Engines with Best-in-Class Fuel efficiency and longest oil change interval
- ❖ Low-cost spares, largest service network & Trouble-free maintenance ensures maximum happiness for customers.
- ❖ The Sturdy 2,3,4 & 6 cylinder, in-line, Liquid cooled, four stroke range of Ashok Leyland Diesel engine yield continuous power, enabling the generator to run round the clock
- ❖ Higher engine capacity leads to a robust and stable Genset performance
- ❖ Respond quickly & positively to block load additions
- ❖ High Block-Loading capacity enables to handle variable loads thus ensuring maximum efficacy
- ❖ Seamless Power for countless hours



ALTERNATOR

- ❖ We provide Diesel Generator with High Standard Brushless Alternator for all variants for 82.5 KVA to 250 KVA as per Ashok Leyland recommendation
- ❖ Self-Excited and self-regulated
- ❖ Class 'H' insulation, IP/23 Class Protection
- ❖ Salient pole revolving field
- ❖ Single Bearing
- ❖ Automatic Voltage Regulator (AVR)
- ❖ Accessories – PMG, QDCT, EBS, Space Heater, Remote Voltage Trimmer



**LEYLAND
DIRECT**
1800-419-1921
24 x 7 National Helpline



Manufactured & Marketed By:

Mark Potentia Private Limited

OEA for Ashok Leyland DG Sets TamilNadu & Kerala
90, Nehru Street, Peelamedu, Coimbatore,
TamilNadu, India – 641004

Channel Partner

HORSE POWER SOLUTIONS
TEMPLE ROAD
POOKKOTTUMPADAM-679332
NILAMBUR MALAPPURAM DISTRICT
CONTACT No: 0 98 9541 4284