



Company Profile

Established in 2009, OJUS Power and Technologies Private Limited (OJUS) is an ISO 9001: 2015 certified Original Equipment Manufacturer (OEM) of Diesel Generating sets. With a strong sales and marketing presence, OJUS offers DG sets ranging from 5 to 2250 kVA through partnerships with prominent engine suppliers - Ashok Leyland Limited and Perkins.

OJUS Lifts, a Division of OJUS Power and Technologies Private Limited, is in collaboration with MP Lifts of Spain to manufacture, sell, install and service lifts and escalators. At OJUS, we offer a wide range of aesthetically pleasing solutions for new and existing residential/commercial buildings, offices, complex projects with high speed lifts, escalators and moving walkways. Whatever our customer's need, we have a solution to adapt to the space in terms of technology, design, reliability and efficiency. Our energy efficient products conform to the highest level of European safety standards. We adapt to your space, naturally!

With a state-of-the-art production facility near SIPCOT Industrial Area, Hosur, OJUS is uniquely advantaged in assuring unparalleled quality products for its customers. The 100,000 square-feet eco-friendly manufacturing plant has an initial capacity to roll out 2500 lifts and 3000 diesel generating sets per year on a single shift basis. This promise to quality and customer centric focus is what has allowed OJUS to cater to the markets of India, Middle East, Africa and South Asia.

www.ojuspowers.com

The OJUS Advantages

- Headed by pioneers in the genset industry with rich experience and dealer associations.
- Team of consultative sales managers who assist customers through the entire gamut of requirements from analysis of requirement to post sales support logistics.
- Central Pollution Control Board 2 (CPCBII) approved products.
- Complete suite of products ranging from 5 kVA to 2250 kVA.
- Fully mechanized, state-of-art production facility with an initial capacity to roll out 3000 sets per shift per year assures higher standards of quality.
- Service network with focus on India, Middle East, Africa and South Asia markets.

OJUS Power and Technologies Private Limited

Corporate Office

2/1, JC Industrial Estate, Yelachenahalli,
Kanakapura Road, Bangalore 560062
Tel: +91 96864 47081/82
Tel/Fax: +91 80 2686 0720
Email: contact@ojuspowers.com

Works

944/1-945/1, Thorapalli Road,
Thiruchipalli, Hosur Taluk,
Tamil Nadu 635109

Service: +91 96864 47083 / 84

OJUS Network

Karnataka: +91 9740006600 / 9740007700 / 9663199936
Chennai: +91 9566657213 **Coimbatore:** +91 9566657096
Madurai: +91 8220009558
Hyderabad: +91 9951900444 **Vijayawada:** +91 9618655345
Vizag: +91 7731914443 **Tirupati:** +91 9989055345
Cochin: +91 9744334402 **Calicut:** +91 9003200081



Diesel Generating Sets from 5kVA - 2250 kVA

Specifications for 10kVA - 250 kVA



OJUS LEYPOWER Diesel Generating Set Specifications for 10kVA to 250kVA

DG set model	Unit	OL10D1	OL15D1	OL25D1	OL30D1/35D1	OL40D / OL 45D	OL50D / OL62.5D	OL75D / OL82.5D	OL100D	OL125D	OL160D	OL250D
Power Rating	kVA	10	15	25	30/35	40 / 45	50 / 62.5	75 / 82.5	100	125	160	250
Electric Power	kWe	8	12	20	24/28	32 / 36	40/50	60/66	80	100	128	200
Rated Current	A	14	21	34.8	41.7/48.7	55.7/ 62. 6	69.6 / 86.9	104.3 / 114.8	139.1	173.9	222.6	348
No of Phase*		3-Phase/415V				3-Phase / 415 V						
DG Size (Without Silencer)		I	1650	2000	2000	2500	2800	2800	3300	3300	3900	4700
	mm	w	900	900	900	1100	1200	1200	1250	1250	1350	1600
		h	1220	1220	1420	1420	1380	1400	1565	1565	1700	2020
Fuel Tank Capacity	L	50	50	50	50	90	90	175	175	175	225	300
System DC Voltage	V	12	12	12	12	12	12	12	12	12	12	24
Battery		EXIDE GEN PLUS/AMCO OF SUITABLE CAPACITY										
Weight (DG Set)	kg	676	676	750	750	1086	1290	1410	1874	1874	2176	4500
Engine												
Engine Model		AL2CDG1	AL2CDG1	AL2CTIDG2	AL2CTIDG1	AL4CTDG 1	AL4CTIDG2/5	AL4CTIDG3	AL6DTIDG1	AL6DTIDG2	AL6DTIDG4	AL8NTIDG3/G6
Engine Rated HP	HP	21	21	34.2	38.8	52.28	79.09	104.56	126.01	155.50	197.05	314.02
Aspiration		NA*	NA*	TC AC	TC AC	TA**	TA**	TA**	TA**	TA**	TA**	TA**
No of Cylinders/Configuration		2/In-line	2/In-line	2/In-line	2/In-line	4 / In-line	4 / In-line	4 / In-line	6 / In-line	6 / In-line	6 / In-line	6 / In-line
Bore X Stroke	mm/W	104x113	104x113	104x113	104x113	104x113	104x113	104x113	104x113	104x113	104x113	112x135
Displacement	L	1.915	1.915	1.915	1.915	3.84	3.84	3.84	5.76	5.76	5.76	7.98
Fuel Consumption @ 75% Load**	L/Hr	2.8	3.5	4.8	6.1/7.5	7.5/9.1	9.1/11.3	13.6	17.5	21.6	27.9	40.3
Lube oil capacity approx.	L	6	6	6	6	8.5	8.5	11	17.5	17.5	17.5	25
Coolant capacity approx.	L	10	10	12	13	13.5	13.5	15.5	20	20	25	41.
Governing Class		A1	A1	A0	A0	A0	A0	A0	A0	A0	A0	A0
Governor		Mechanical	Mechanical	Electronic	Electronic	Electronic	Electronic/Mechanical	Electronic	Electronic	Electronic	Electronic	Electronic
Lube Oil Change Period		600 Hours or 1 year whichever occurs earlier (10 to 160kVA) / 250 Hours or 6 months whichever occurs earlier (250kVA)										
Lube oil specification		Gulf LEYPOWER XLL Diesel Engine Oil										
ALTERNATOR		Brushless, Single Bearing, IP23, Class H Insulated, 50Hz, Voltage Regulation of \pm 1%										

*Single Phase DG set is available optional from 10 kVA to 45 kVA

Note: Power rating as per standard reference condition as per BS 5514/ ISO 3046 /ISO 8528.

Reference condition: 27 Deg C ambient temp, 100 KPA (750 mm of HG) atmospheric condition and 60% humidity- (as per ISO 10002, ISO3046). The above specifications are liable to change due to continuous improvement and are for reference only.OJUS Power & Technologies Private Limited reserves the right to revise the specification or dimension without prior notice.

*NA : Naturally Aspirated

**TA : Turbo-charged After-cooled

Power Source

- OJUS LEYPOWER gensets meet the latest CPCB II emission norms, are environment friendly and are designed to work under arduous conditions.
- The sturdy, 2, 4, 5 & 6 cylinder, in-line, water cooled, four stroke Ashok Leyland range of diesel engines yield continuous power, enabling the generator to operate round the clock, with prime duty at 100% load.
- The inherent construction design of the engine ensures easy serviceability, accessibility and maintenance, even inside an acoustic enclosure.
- The standard scope of supply includes a power pack unit comprising of radiator mounted with standard control panel.

RTU (Ready-to-use) Genset

- Powered by Ashok Leyland engine coupled with single bearing brushless alternator
- Equipped with standard safety features like Low Lube Oil Pressure(LLOP),High Water Temperature(HWT) and Emergency Stop.
- Choice of standard Semi Automatic or AMF control panel.
- In built with fuel tank, residential silencer and battery.

Acoustic Enclosures - Next Gen 2.0

- Manufactured with CNC machines for precision finish and high quality
- Powder coated with eco-friendly chemicals for long lasting weather-proofing
- Approved by ARAI as per CPCB II Norms

Genset Controller - SEDEMAC



- Digitally controls the operation of the genset.
- Measures and displays parameters like Voltage, Frequency, Current, Power Factor and Run Hours.
- Protects Genset by monitoring critical engine safety parameters.
- Supports Auto-Mains-Failure (AMF) function for single-phase and three-phase operation.

AMF Control Panel

- Consists of a microprocessor based AMF control unit, which can operate on auto or manual mode. It monitors the engine safety parameters and alarm/trip conditions will be displayed on the front panel.
- Special alarm conditions include LLOP, HWT, overload, under/over speed, low fuel level. The controller comes with an inbuilt LVM and the parameters can be programmed to meet specific customer requirements
- The display indication includes various conditions of operation which includes, Load on mains, Load on DG, Mains Healthy, DG On, auto and manual mode.