



## COMPANY PROFILE

[www.ojuspowers.com](http://www.ojuspowers.com)

OJUS Power and Technologies Private Limited (OJUS) is an original equipment manufacturer of diesel generator (DG) sets. With a strong sales and marketing presence, OJUS provides DG sets ranging from 10 to 2000 kVA through partnerships with prominent engine suppliers - Ashok Leyland Limited, Doosan and Perkins.

OJUS is headed by pioneers in the genset industry whose rich experience and dealer association affords OJUS a significant and acclaimed reach in the market. The team of consultative sales managers from OJUS is equipped to handle the entire gamut from analyzing and determining customer requirements, recommending a suitable product, evaluating site for ideal installation location, overseeing installation site preparatory work, delivering, installing, and commissioning, assisting in completing all regulatory procedures, training on-site personnel, and finally providing post sales support logistics for maintenance and spares.

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 70,000 sq feet eco-friendly manufacturing plant has an initial capacity to roll out 3000 DG sets per year on a single shift basis. The fully mechanized, efficient, and ergonomically designed facility allows OJUS to leverage automation and technology to ensure higher standards of quality, thus delivering high caliber and economical gensets to its customers. 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.

### OJUS Power and Technologies Private Limited

#### Corporate Office

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#### Sales

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Karnataka: +91 96864 47081/ 82 / 83  
Orissa: +91 91784 58363  
Tamil Nadu: +91 95666 57206 / 213

#### Works

944/1-945/1, Thorapalli Road,  
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### The OJUS Advantage

1. Headed by pioneers in the genset industry with rich experience and dealer associations
2. Team of consultative sales managers who assist customers through the entire gamut of requirements from analysis of requirement to post sales support logistics
3. Central Pollution Control Board (CPCB) approved products
4. Complete suite of products ranging from 10 kVA to 2000 kVA
5. 70,000 sq ft. fully mechanized, state-of-the-art production facility with an initial capacity to roll out 3000 sets per shift per year assures higher standards of quality
6. Wide market reach and robust service network with focus on India, Middle East, Africa and South Asia markets



## OJUS LEYPOWER Diesel Generating set specifications

DG set model	OL110	OL15	OL20	OL25R	OL30	OL45/OL40	OL63R/OL50R	OL83R/OL75	OL100R	OL125R	OL140	OL160	OL180	OL200R	OL250	
Power Rating (KVA)	10	15	20	25	30	45 / 40	62.5 / 50	82.5 / 75	100	125	140	160	180	200	250	
Electric Power (KWe)	8	12	16	20	24	36 / 32	50 / 40	66 / 60	80	100	112	128	144	160	200	
Rated Current (amp)	14	21	28	35	42	63 / 56	87 / 70	115 / 105	139	174	195	224	250	278	348	
No of Phase*	3-phase / 415 V															
DG Size (without silencer)	1760x900x1425	1760x900x1425	2040x900x1500	2040x900x1500	2040x900x1500	2575x1100x1410	2900x1200x1550	2900x1200x1550	3300x1250x1580	3300x1250x1580	3300x1250x1580	4300x1500x1965	4300x1500x1965	4500x1500x1961	4700x1600x2050	4700x1600x2050
Fuel tank capacity (liter)	50	50	50	50	50	50	150	150	150	150	250	250	300	320	320	
Battery capacity (AH)	99	99	99	99	99	120	120	120	150	150	150	150	150	150	150	
Weight (DG set - Kg)	790	810	900	955	1050	1225	2000	2050	2200	2300	3685	3700	3375	3375	3450	
Engine																
Engine model	AL485G1	AL485G1	AL485TG2	AL485TAG3	AL485TAG4	ALGPW4DMK1E4	AL4DTG3	AL4DTIG2	AL6DTIG1	AL6DTIG2	AL680TAG2 / AL6DTAG2	AL680TAG3 / AL6DTAG3	AL615TAG2	AL615TAG1	AL60618.42D	
Engine Max HP	24.8	24.8	30.9	36.9	48.3	53.5	84.0	109.4	134.0	167.6	197.0	224.3	247.7	277.2	341.0	
Engine Rated HP	23.5	23.5	29.5	34.9	44.7	48.7	76.4	103.2	122.0	152.8	179.0	203.8	225.2	252.0	310.0	
Aspiration	Natural	Natural	T	TA	Natural	Natural	T	TA	TA	TA	TCI / TA	TCI / TA	TA	TA	TA	
No of Cylinders	4	4	4	4	4	4	4	4	6	6	6	6	6	6	6	
Fuel cons @ 75 % load (liter / Hr)**	2.0	2.5	3.4	3.9	5.0	6.0 / 5.6	9.7 / 7.5	14.2 / 12.8	16.4	17.5	24.0	26.9	29.8	31.6	39.9	
Lub oil Sump capacity (liter)	8.5	8.5	8.5	8.5	8.5	7.5	7.5	7.5	12.0	16.0	16.0	16.0	27.0	27.0	27.0	
Lub oil Consumption (liter / Hr)	<0.15%	<0.15%	<0.3%	<0.3%	<0.012%	<0.15%	<0.15%	<0.15%	<0.3%	<0.3%	<0.02%	<0.02%	<0.3%	<0.3%	<0.3%	
Coolant capacity (liter)	6.0	6.0	6.0	9.0	11.0	15.0	10.0	12.0	16.0	16.0	45.0	45.0	40.0	40.0	45.0	
Governing class	AI	AI	AI	AI	AI	AI	AI	AI	Electronic AI	Electronic AI	AI / Electronic AI	AI / Electronic AI	Electronic AI	Electronic AI	Electronic AI	
Alternator																
Brushless, Single Bearing, IP23, Class H Insulated, 50 Hz, Voltage Regulation ± 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 - (per IS 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

### Power Source

- OJUS LEYPOWER gensets meet the latest CPCB emission norms, are environment friendly and are designed to work under arduous conditions.
- The sturdy, 4 & 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, continually 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 powerpack 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 or AMF control panel
- In built with fuel tank, residential silencer and battery

### Acoustic Enclosures

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

### 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
- The control panel consists of a multi function meter which displays AC current/Voltage, frequency, Power factor, Kilowatt and Kilowatt Hour

