

**Mitsubishi Engine Powered DG Set Series (7.5 KVA ~ 12.5 KVA)**

Mitsubishi Heavy Industries Ltd., one of the world's leading heavy machinery manufacturer headquartered in Tokyo-Japan, has incorporated a wholly owned subsidiary Mitsubishi Heavy Industries India Private Ltd, in India to address the rapidly growing Indian market.

Mitsubishi has its focus on the energy market with eco friendly technology and through innovative products and services.

Backed by the Mitsubishi's technology for low fuel consumption, highest output to weight ratio and customized design these DGs are a class apart and a good buy for any independent house or a small office or business, Mitsubishi Engines meet limit on exhaust emission anywhere and in any country of the world. They are quiet-running prime movers, built in full consideration of service environment. Widely recognized by various quarters of the market for compact design and superior lugging in low speed range.

**Mitsubishi Engine Powered DG Set Series (7.5 KVA ~ 12.5 KVA)**

Genset Model	Engine Model	KVA at 0.8 PF	Cylinders	Max. HP at 3000 RPM	Rated Current (Amps)		L X W X H (mm)	Fuel Tank (Ltrs.)	Weight (Kgs.) Approx.
					415V	230V			
CSH-MHI/7.5	L2T8.5K30D01	7.5	2	11	-	32	1600x900x1137	50	700
CSH-MHI/10	L3T13.5G01	10	3	16.8	14	43	1600x900x1137	50	750
CSH-MHI/10	L3T13.5G01	12.5	3	16.8	18	54	1600x900x1137	50	775

ISO 9001:2008



Our Silence Speaks  
for Our Perfection



- Noise level below CPCB norms • Most compact in the market
- High quality gloss finish & European style
- Proven heat flow for uninterrupted power

**Head Office Sales: 8285336099 • Service: 8285336095**

Sales Officers available in - Ghaziabad / Meerut, Gurgaon, Faridabad, Noida, Agra, Aligarh, Barielly, Pant Nagar, Dehradun, Lucknow, Kanpur, Gorakhpur, Varanasi, Indore, Bhopal, Jabalpur, Patna, Ranchi, Kolkata, Siliguri & Guwahati



- Fuel Efficient
- Frequency **50** Hz
- CPCB Compliant
- Prompt Service
- Soundproofed Gensets
- Coolant cooled - Diesel



## About Himoinsa

- A renowned name worldwide in generating sets with more than 60% production being exported, installed annual capacity of 60,000 DG Sets in rating 6-2500 kVA.
- Preferred supplier to internationally known company's like TELEFONICA, TELEVISION ESPANOLA, China Telecom, BOSCH, Orange France, SingTel Singapore, defense establishments etc.
- One of the World's largest DG set manufacturer

### Sales & distribution network present in :

- Singapore (Himoinsa Far East Ltd.)
- Cuba (Cuba Motor)
- Italy (Rossi Gruppi)
- Portugal (Himoinsa Portugal)
- Poland (Himoinsa Polska)
- Kansas (Himoinsa USA)
- France (GENELEC)
- Dominica Republic (Himoinsa R. Dominicana)
- Panama (Himoinsa PANAMA)

## About C&S Himoinsa - India

C&S HIMOINSA Pvt. Ltd. Joint Venture has made fast penetration and adaptation in the country's market. The company headquarters are in New Delhi and the production factory is located in Pantnagar, State of Uttarakhand. This plant has 18,000 m<sup>2</sup> facilities built on a total area of 40,000 m<sup>2</sup>.

### Manufacturing Plant

C&S HIMOINSA manufacturing plant, located at Pantnagar, Uttarakhand is equipped with the latest machinery as CNC punch press, state-of-the-art fully automated spray treatment plant, automated powder coating applicators and computerised load testing equipments. All the products coming out of the plant conform to the stringent quality control norms and are thoroughly tested for their performance.

C&S HIMOINSA has tied up with Ashok Leyland for reliable cost effective state-of-the-art DG Sets.

C&S Himoinsa DG Sets are being used by industrial & corporate world, the DG Sets are installed and running satisfactorily by Embassy of Indonesia, Rotary Blood Bank, CPWD, NTPC, ESIC, Banks Assam Toll Plaza, Petrol Pumps & construction industry.

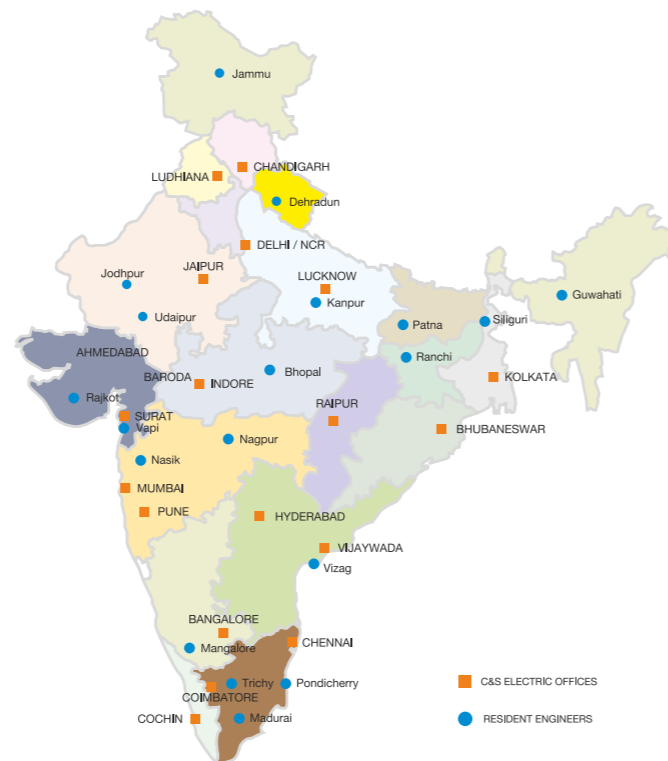
## About C&S Electric

C&S Electric Ltd. is amongst the leading suppliers of electrical equipment in India and are India's largest exporter of industrial switchgear. Their wide range of electrical and electronic products find application in power generation, distribution, control, protection and final consumption. The business operations of C&S Electric are divided in the following 3 strategic business units (SBUs)

- (1) Switchgear & Protection SBU
- (2) Power Busbars SBU
- (3) Lighting & Wiring Accessories SBU

C&S employs over 3000 people including 400 engineers, and has 16 state-of-the-art manufacturing plants. It has 22 sales office across India and its products are exported to 73 countries. C&S Electric also has several joint venture companies and a 100% owned subsidiary.

### Nationwide Network



## C&S Himoinsa DG Sets Powered with Ashok Leyland Engine (10~250kVA)

Genset Model	Engine Model	KVA at 0.8 PF	Cylinders	Max. HP at 1500 RPM	Rated Current (Amps)		L X W X H (mm)	Fuel Tank (Ltrs.)	Weight (Kgs.) Approx.
					415V	230V			
CSH - A/10	AL485G1	10	4	24.8	14	43	1760 x 900 x 1225	80	760
CSH - A/ 15	AL485G1	15	4	24.8	21	66	1760 x 900 x 1225	80	775
CSH - A/20	AL485TG2	20	4	31.5	28	87	2000 x 1000 x 1315	100	1000
CSH - A/25	AL485TAG3	25	4	36.9	35	108	2000 x 1000 x 1315	100	1050
CSH - A/30	AL485TAG4	30	4	48.7	42	130	2000 x 1000 x 1315	100	1200
CSH - A/40	ALGPW04DMK1	40	4	53.5	56	174	2400 x 1050 x 1450	250	1250
CSH - A/45	ALGPW04DMK1	45	4	53.5	63	NA	2400 x 1050 x 1450	250	1270
CSH - A/50	AL4DTG3	50	4	84	70	NA	2600 x 1200 x 1665	250	1930
CSH - A/62.5	AL4DTG3	62.5	4	84	87	NA	2600 x 1200 x 1665	250	1950
CSH - A/75	AL4DTIG2	75	4	115.4	104	NA	2800 x 1300 x 1700	250	2000
CSH - A/ 82.5	AL4DTIG2	82.5	4	115.4	115	NA	2800 x 1300 x 1700	250	2200
CSH - A/100	AL6DTIG1	100	6	134.5	139	NA	3100 x 1300 x 1750	250	2600
CSH - A/125	AL6DTIG2	125	6	167.6	174	NA	3100 x 1300 x 1750	250	2900
CSH - A/140	AL6DTIG3	140	6	179.6	195	NA	3500 x 1400 x 1875	250	3100
CSH - A/160	AL6DTIG5	160	6	206.6	222	NA	3500 x 1400 x 1875	250	3200
CSH - A/180	AL615TAG2	180	6	247.7	250	NA	3800 x 1550 x 1890	250	3200
CSH - A/200	AL615TAG1	200	6	277.2	278	NA	3800 x 1550 x 1890	250	3200
CSH - A/250	ALGWD618.42D	250	6	341	348	NA	3800 x 1550 x 1890	250	3300

Dimensions and specifications are only indicative. Product innovation is a continuous process, hence data given is subject to change without notice. AMF optional. Alternator - Leroy Somer.  
 ■ The powder coated enclosures with specially designed lifting hooks meet the latest CPCB norms of 75dB(A) @ 1mt distance and as per the testing guidelines of CPCB

### Ashok Leyland Diesel Engine

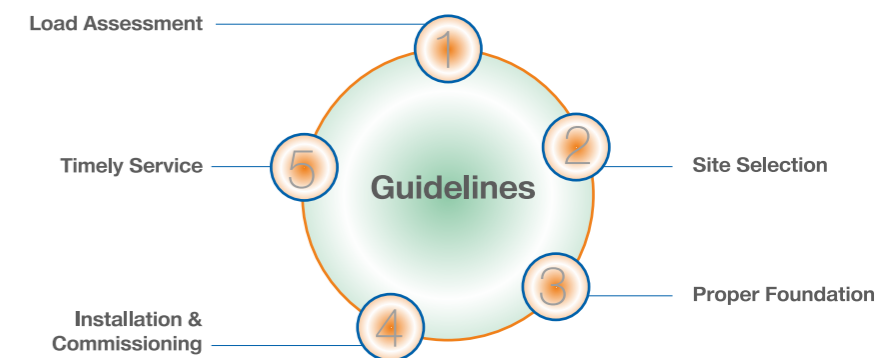
- Meet the CPCB emission norms, are environment friendly and are designed to work under arduous conditions.
- The sturdy, 4 & 6 cylinder, in-line, water cooled, four stroke diesel engines are easily serviceable within the acoustic enclosure.
- Failsafe system with special sensors to safeguard your engine against faults, like low oil pressure and high water temperature

### Leroy Somer Alternator

- To operate at 1500 RPM rating, 415 volts, 0.8 pf (Lag) for 50 Hz, 3 phase, 4 wire system, conforming to IS 4722
- Special features include brush less alternator, class H insulation, with self regulated AVR, with +/- 1% voltage regulation, permissible overload of 1 hour in every 12 hours of operation
- Optional: Single phase alternator also available up to 40 KVA (230V)

### Product Variation

- Trolley mounted DG sets with acoustic enclosures
- Vehicle mounted DG sets with acoustic enclosures
- Super silent DG sets



Rudrapur Plant



Hi-tech Machine



Powder coating Plant