

We touch your **electricity** everyday!

ISO 9001:2008

JAS-ANZ



Generating Sets

Range (7.5 ~2000kVA)

C&S Electric

C&S Electric Ltd. is amongst the leading manufacturer 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. C&S Electric Ltd. is the pioneer of silent DG sets in India. C&S employs over 4000 people including 400 engineers, and has 19 state-of-the-art manufacturing plants. It has 22 sales office across India and its products are exported to 78 countries.

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

C&S Himoinsa - India

C&S Himoinsa Pvt. Ltd. 50:50 Joint Venture has made fast penetration and adaptation in the country's market. The company headquarter is in New Delhi and the manufacturing facility is located at Pantnagar in state of Uttarakhand. This plant has 18,000 m² covered area built on a total area of 40,000 m².

Manufacturing Plant

C&S Himoinsa's manufacturing plant, located at Pantnagar, Uttarakhand is equipped with the latest machinery such as CNC punch press, fully automated spray treatment system, automated powder coating applicators and computerised load testing equipment. All the products manufactured conforms to the stringent quality control norms and are thoroughly tested for their performance.

Mitsubishi Engine Powered DG Set Series (7.5 kVA ~ 12.5 kVA)

Genset Model	Engine Model	kVA (KW 0.8 PF)	Cylinders	Max. HP at 3000 RPM	Rated Current (Amps)		L X W X H (mm)	Fuel Tank (Ltrs.)	Cable (Sq. mm)	Exhaust Dia (mm)	SFC@100% Load Gms/kWh
					415V	230V					
CSH-MHI/7.5	L2E8.5K30D01	7.5	2	11	10	33	1600x900x1137	50	2C-25/3.5C-16	63	217
CSH-MHI/10	L3E13.5G01	10	3	16.8	14	43	1600x900x1137	50	2C-35/3.5C-16	63	224
CSH-MHI/10	L3E13.5G01	12.5	3	16.8	17	54	1600x900x1137	50	2C-35/3.5C-25	63	228



FUEL EFFICIENT



CPCB COMPLIANT



SOUND PROOF GENSETS



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

Genset Model	Engine Model	kVA (KW 0.8 PF)	Cylinders	Max. HP at 1500 RPM	Rated Current (Amps)		L X W X H (mm)	Fuel Tank (Ltrs.)	Cable (Alum.) (Sq. mm)	Exhaust Dia (mm)	SFC@100% Load Gms/kWh
					230V	415V					
CSH - A/10	AL485G1	10	4	24.8	43	14	1760x900x1225	80	2C-25/3.5C-16	54	241.5
CSH - A/15	AL485G1	15	4	24.8	66	21	1760x900x1225	80	2C-35/3.5C-16	54	212.8
CSH - A/20	AL485TG2	20	4	31.5	87	28	2000x1000x1315	100	2C-50/3.5C-16	54	212.8
CSH - A/25	AL485TAG3	25	4	36.9	108	35	2200x1000x1315	100	2C-70/3.5C-25	54	211.7
CSH - A/30	AL485TAG4	30	4	44	130	42	2200x1000x1315	100	2C-95/3.5C-35	54	214.5
CSH - A/40	ALGPW04DMK1	40	4	53.5	174	56	2600x1200x1665	250	2C-120/3.5C-50	82	217
CSH - A/45	ALGPW04DMK1	45	4	53.5	NA	63	2600x1200x1665	250	3.5C-50	82	217
CSH - A/50	AL4DTG3	50	4	84	NA	70	2600x1200x1700	250	3.5C-50	82	215.2
CSH - A/62.5	AL4DTG3	62.5	4	84	NA	87	2800x1300x1700	250	3.5C-70	82	208
CSH - A/75	AL4DTIG2	75	4	109.4	NA	104	2800x1300x1700	250	3.5C-120	106	215.2
CSH - A/ 82.5	AL4DTIG2	82.5	4	109.4	NA	115	2800x1300x1700	250	3.5C-120	106	217.2
CSH - A/100	AL6DTIG1	100	6	134	NA	139	3100x1300x1750	250	3.5C-150	106	202.2
CSH - A/125	AL6DTIG2	125	6	167.6	NA	174	3100x1300x1750	250	3.5C-150	106	200
CSH - A/140	AL6DTIG3	140	6	189	NA	195	3500x1550x1870	250	3.5C-185	131	213.4
CSH - A/160	AL6DTIG4	160	6	215.5	NA	222	3500x1550x1870	250	3.5C-185	131	215.2
CSH - A/180	AL615TAG2	180	6	247.8	NA	250	3800x1550x1890	250	3.5C-240	157	201
CSH - A/200	AL615TAG1	200	6	277.2	NA	278	3800x1550x1890	250	3.5C-300	157	203
CSH - A/250	ALGWD618.42D	250	6	341	NA	348	3800x1550x1890	250	3.5C-300	157	193

In line, Water cooled, four stroke diesel engines. Sensors to safeguard your engine against faults, like low oil pressure and high water temperature.

C&S Himoinsa DG Sets Powered with Volvo Penta (320-625kVA)

Genset Model	Engine Model	kVA (KW 0.8 PF)	Cylinders	Max. HP at 1500 RPM	Rated Current (Amps)	L X W X H (mm)	Fuel Tank (Ltrs.)	Cable-3.5Core (Sq. mm)	Exhaust Dia (mm)	SFC@100% Load Gms/kWh
					415V					
CSH - V/320	TAD1341GE	320	6	382	445	4500x1800x2190	600	2x240	157	191
CSH - V/380	TAD1343GE	380	6	442	528	4500x1800x2190	600	2x240	157	192
CSH - V/400	TAD1344GE	415	6	495	556	4500x1800x2190	600	3x240	157	194
CSH - V/500	TAD1641GE	500	6	600	695	4800x1800x2340	990	3x240	210	199
CSH - V/600	TAD1642GE	600	6	699	834	5200x1800x2420	990	3x300	210	198
CSH - V/625	TWD1643GE	625	6	752	869	5200x1800x2420	990	3x300	210	199

*Dimensions and specifications are only indicative. Product innovation is a continuous process, hence data given is subject to change without notice. Weight approx. starting 4.6-6.5 Tones.

*DG Set as per standard reference condition BS 5514/ISO3046/ISO8528. All data are as per NTP test conditions. Some data will have more than ± 5% tolerance based on test conditions.

*AMF shall be inbuilt in the canopy upto 82.5 KVA. for ratings more than 82.5 KVA AMF shall be provided for outside canopy of DG sets.

- The powder coated enclosures with specially designed lifting hooks meet the latest CPCB norms of 75dBA @ 1mt distance and as per the testing guidelines of CPCB



FREQUENCY



PROMPT SERVICE



COOLANT COOLED - DIESEL



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C&S Himoinsa DG Sets Powered with Perkins (750~2000kVA)

Genset Model	Engine Model	kVA (KW 0.8 PF)	Cylinders	Max. HP at 1500 RPM	Rated Current (Amps) 415V	L X W X H (mm) Approx.	Fuel Tank (Ltrs.)	Cable (Sq. mm)	Exhaust Dia (mm)	SFC@100% Load Gms/kWh
Silent DG Sets										
CSH – P/750	4006-23-TAG2A	750	6	847	1043	7500x2200x2540	990	3X400	200	209
CSH – P/1010	4008-TAG2A	1010	8	1154	1404	9500x5400x2690	990	3X500	200	214
Open DG Sets										
CSH – P/1250	4012-46-TAG0A	1250	12V	1412	1738	9000x3000x3000	990	3X630	2X250	220
CSH – P/1500	4012-46TAG2A	1500	12V	1698	2085	9500x3150x2690	990	4X630	2X250	200
CSH – P/2000	4016TAG2A	2000	12V	2300	2780	11000x3500x3500	990	5X630	2X250	210

Option of AMF/Auto synchronising panel can be designed & supplied by us as per your site requirement/ BOQ. Weight approx. starting 8–10.5 Tones.
DG Set as per standard reference condition BS 5514/ISO3046/ISO8528.



Our Silence Speaks
for Our Perfection



Silent DG Set upto 1000 kVA



Mobile Lighting Tower
(7.5kVA to 20kVA)

Alternator options in DG Sets - Leroy Somer /Mecc Alte

- To operate at 1500 RPM rating, 415 volts, 0.8 pf (Lag) for 50 Hz, 3 phase, 4 wire system, conforming to IS 4722, Single Bearing.
- 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
- Single Phase Alternator also available upto 40kVA.



Auth. Dealer



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