

POWERING GROWTH WITH GREEN ENERGY



Natural Gas-Powered Gensets

40kVA ~ 125kVA



Aapki Jeet. Hamari Jeet.



SILENT GENSETS

CSH is a leading manufacturer of Silent Gas Gensets in India. CSH Silent Gas Gensets are manufactured at the state of art manufacturing plant built over sprawling 10 acre complex located at Pant Nagar, Uttarakhand, India.

The manufacturing plant 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.



World class state-of-the-art manufacturing facility at Pant Nagar, Uttarakhand, India



High Precision Manufacturing Facility



High Precision Manufacturing Facility



In-house Powder Coating Facility



State-of-the-art Tools and Machinery

CSH-AL Natural Gas based silent gensets

40%* fuel cost savings compared to Diesel engines

Zero fuel handling/ transportation/ pilferage

Made for indian conditions



Technical Details

CSH-AL Silent Gas Genset Model	Unit	CSH-A/40NG	CSH-A/62.5NG	CSH-A/125NG
Power Rating*	kVA	40	62.5	125
Electric Power	kWe	32	50	100
Rated Current	Amp	55.6	86.9	173.9
ASHOK LEYLAND GAS ENGINE MODEL		AL4DNG1/1	AL6ENG2/2	AL6DTING3/2
Engine Rated kW/Engine Rated HP	kW/HP	39/52.3	59/79.12	115/154.21
Aspiration		NA	NA	TCIC
No. of Cylinders & Configuration		4, In line	6, In line	6, In line
Bore x Stroke	mm	104 x 118	104 x 118	104 x 113
Displacement	Liters	4.01	6.01	5.76
Compression ratio		12.0(± 0.5) : 1	12.0(± 0.5) : 1	11.5(± 0.5) : 1
Fuel & fuel Composition/Specification		Natural Gas , min. 70% methane		
Input Gas Pressure (Site Condition apply)	Bar	1-4		
Fuel Consumption@ 75% Load **	kg/hr	6.32	9.70	17.03
Fuel Consumption@ 100% Load **	kg/hr	7.91	12.10	22.70
Lube Oil Capacity approx. (included Filters)	Liters	7.50	11.00	17.00
Oil Change Period	Hrs	500		
Lube Oil specification		SAE15W40 / 20W50 - Gulf NG Engine Oil		
Oil Consumption as % of Fuel Consumption	%	<0.15%	<0.15%	<0.15%
Governing Class		Electronic-Integrated ECU controlled / ISO8528- G1		
Governer Used		Electronic- Integrated ECU Controlled		
Coolant Capacity(approx.)	Liters	15	25	32
Alternator		Leroy Somer/ Stamford/ CG		
GG Dimension Length	mm	2900	3500	3500
Width	mm	1300	1500	1500
Height (Including Base)	mm	1580	1900	1900
GG Weight approx.	kg	2000	2200	2200
Battery Capacity	Ah	150	150	150
System DC Voltage	Volt	12	12	12

Above specifications are subject to change without notice due to continuous technical improvements.

* Power Rating- As per BS 5514/ ISO 3046/ ISO 8528 under standard reference conditions.

** Tolerance of +5% will be applicable on fuel consumption. Different make of alternators will also impact fuel efficiency.

Service Dealer Networks

100+ Dealer Network & CSH Sales Dealer Across India

Three Tier After Sales Service

- TIER 1** CSH Dealer
- TIER 2** CSH Engineers
- TIER 3** Engine / Alternator Co. Engineer

CSH has a service support network through its dealers to support entire range of DG sets.



CSH Customer Care:

Tel.: +91 88600 74544

Email: crm.csh@cshpower.co.in

CSH Representative / Dealer

CSH Power Himoinsa Pvt. Ltd.

(Formerly known as C&S Himoinsa Pvt. Ltd.)

Head Office: 222, Okhla Industrial Estate, Phase -III, New Delhi - 110020

Tel.: 011-6904 9000-09, 8860074544, e-mail: crm.csh@cshpower.co.in

Works: 12-A, Sector -9, Integrated Industrial Estate, Pantnagar, Uttarakhand - 263153, India

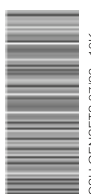
Web: www.cshpower.co.in

Regional Offices:

Chandigarh, Jaipur, Indore, Lucknow, Dehradun, Patna, Ranchi, Guwahati

Branches:

Ludhiana, Karnal, Udaipur, Kota, Alwar, Jodhpur, Bikaner, Bhopal, Jabalpur, Gwalior, Agra, Meerut, Moradabad, Haridwar, Kanpur, Allahabad, Mau, Gorakhpur, Varanasi, Sultanpur



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