

Eicher Powered Genset Specifications

kVA Rating	30 kVA	40 kVA	50 kVA	62.5 kVA	82.5 kVA	100 kVA	125 kVA	160 kVA
Engine Model	Eicher E483	Eicher E483	Eicher E483	Eicher E483	Eicher E683	Eicher E683	Eicher E694	Eicher E694
No. of Cylinders	4	4	4	4	6	6	6	6
Aspiration	TCI	TC	TC	TCI	TCI	TCI	TCI	TCI
Capacity (Ltr)	3.3	3.3	3.3	3.3	4.9	4.9	5.7	5.7
Mechanical Power Output (HP)	38	52	65	80	105	128	156	201
Bore x Stroke (mm)	100 X 105						100 X 120	100 X 120
FIP Make	Bosch Inline							
Governor Make Type	Bosch Mechanical							Bosch Electronic
Lube Oil Sump Capacity	11	11	11	11	16	16	23.8	23.8
Recommended Lube Oil	15W40-C14							
Recommended Lube Oil Change Period (Hrs)	500						700	700
Genset Power Rating (KW)	24	32	40	50	66	80	100	128
Alternator Model	Stamford S0L2P1	Stamford S2L1D-C	Stamford S1L2R1	Stamford UCI224F1	Stamford UCI224G1	Stamford UCI274C1	Stamford UCI274V1	Stamford UCI274F1
Control Panel Model (Options)	Manual Panel with DSE 4520 Controller							
	AMF without ATS with Breaker with DSE 4520 Controller							
	AMF with ATS with Breaker with DSE 4520 Controller							
75dBA 415V 50Hz								
Fuel Tank Capacity (Ltrs)	60	80	130	130	130	200	200	320
Dimensions (l x w x h) (mm)	2200 x 1000 x 1135	2320 x 1020 x 1330	2685 X 1080 X 1455	2685 X 1080 X 1455	3100 X 1100 X 1575	3400 x 1200 x 1500	3400 x 1200 x 1500	3800 x 1400 x 1820
Weight (Kg)	850	900	1085	1140	1585	1640	1680	2115
Battery Capacity	88 Ah	88 Ah	88 Ah	88 Ah	100 Ah	100 Ah	100 Ah	120 Ah
85dBA 380V 60Hz / 415V 50Hz								
Fuel Tank Capacity (Ltrs)	80	80	85	85	135	200	200	250
Dimensions (l x w x h) (mm)	2250 X 1020 X 1330	2250 X 1020 X 1330	2400 X 1090 X 1470	2400 X 1090 X 1470	3100 X 1100 X 1585	3420 X 1100 X 1680	3420 X 1100 X 1680	3420 X 1100 X 1830
Weight (Kg)	1000	1050	1200	1250	1700	1900	2100	2200
Battery Capacity	88 Ah	88 Ah	88 Ah	88 Ah	100 Ah	100 Ah	100 Ah	120 Ah

\*Technical Specifications are subject to change without prior notice due to continuous product development

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## Partnership with Volvo Group

Two leading players in the commercial vehicle business joined hands in 2008 with a convergent vision of driving modernisation in commercial transportation. Volvo Group, the world's leading manufacturer of trucks, buses, construction equipment and marine & industrial engines, brought its global expertise and world-class technology, while Eicher Motors brought its frugal engineering and deep knowledge of the developing markets. The mission of this joint venture- VE Commercial Vehicle Ltd. is to raise the standard of the commercial transportation industry and take it to a new PROfessional level.



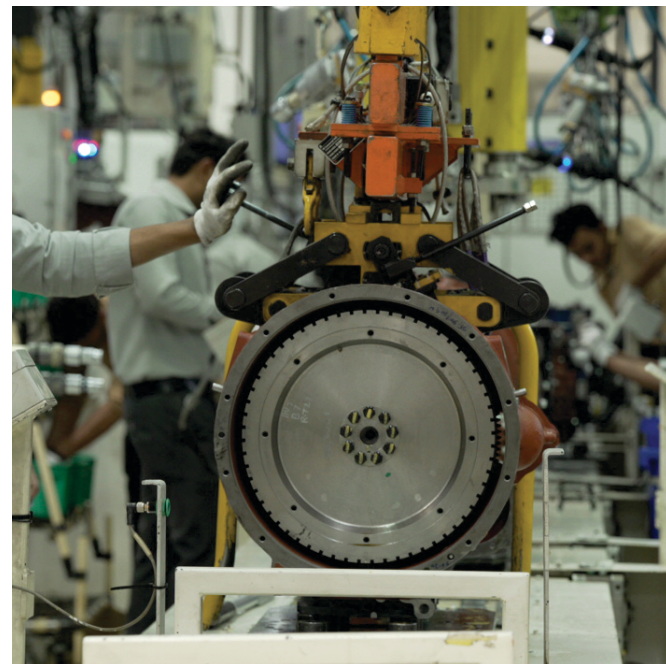
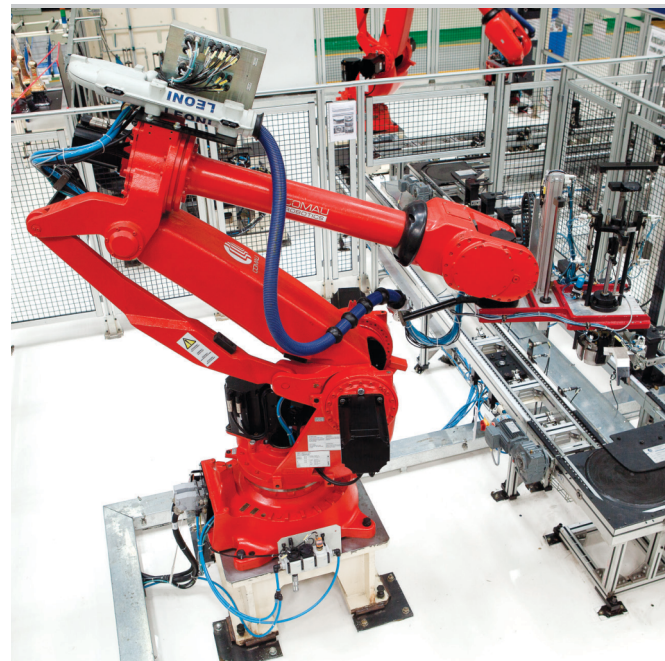
Leader in commercial transportation  
Frugal engineering and operation  
Aftersales infrastructure  
Cost effective operations



Global expertise  
Leadership in product technology  
Well-defined processes and control  
Brand image

## Global standard manufacturing plant

The Eicher engine has been designed and developed in a modern and high-tech manufacturing facility in Pithampur, near Indore, India. The next generation engine plant, built in collaboration with the Volvo Group, not only manufactures Euro III and IV heavy-duty engines but also supplies Euro VI engines internationally to the Volvo Group.



## Global Technology meets frugal engineering

The assembly line has been built to balance high technology with frugal engineering. The state-of-the-art manufacturing process which includes a robotic cab weld shop, CED paint shop and 100% hot test facility, ensures quality and reliability of international standards.

## USPs

### Low Operating Cost

- Remarkable fuel economy
- Inline fuel pump having low maintenance cost/ease of maintenance
- Economical spare parts pricing
- Higher service/oil change interval of 500-700 hrs.
- Low lube oil consumption - less than 0.1% of the fuel

### High Reliability

- Volvo Group processes and technology
- Robust design: for tough segments like rental & construction.
- Inbuilt Oil Cooler: suitable for continuous operations
- High engine protections: lube oil pressure sensor, low lube pressure switch, coolant temp sensor, high temp. switch & air cleaner choke switch
- Piston cooling jets, Inbuilt oil cooler, better metallurgy: ensures longer maintenance period & overhauling period

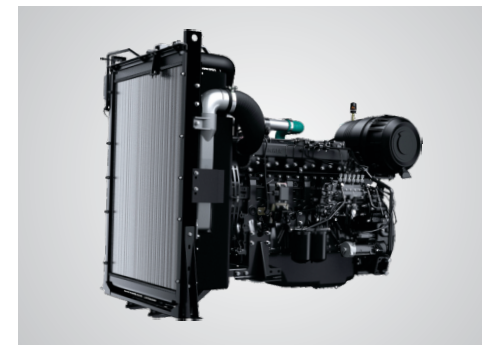
### Best Performance

- Excellent block loading capacity
- Low deration at high ambient temperature and high altitude
- Extremely low vibration and noise
- 12 V electrical system
- Starter motor with thermal cut-off

### Service Efficiency

- Class leading warranty on engine
- Easy serviceability
- Easy spares availability
- No special tools required
- Commonality of spare parts with trucks and buses

## Durable Aggregates



E483, E683 and E694 engines



High quality CRCA sheet treated with 11 tank surface treatment and pure polyester powder coating



Stamford three phase alternator



Deep sea control panel

## Applications

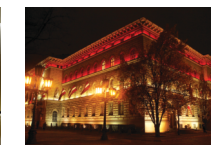
### 30-60 kVA



Residential Project



Hospitality Sector



Rental

### 60-100 kVA :



Corporate



Government Projects



Crushers

### Above 100 kVA



Rental Projects



Construction



Small Scale Industries