



## Silent Diesel Generator **30 kVA to 160 kVA**



**VE COMMERCIAL VEHICLES LTD.**  
(A VOLVO GROUP AND EICHER MOTORS JOINT VENTURE)

### **SIGNIFICANT FEATURES:**

- State of Art Manufacturing Facility
- High Quality Colour Coating duly Powder Coated after 9 Tank Process
- 100% Tested Genset
- Various Genset Protection Unit with LCD Display for Trouble free Operation
- High Performance & low Running Cost due to Long Service Interval
- Modular Type Sound Proof Canopy with Lockable & Easy-to-Care Doors
- Inbuilt Fuel Tank with Electronic Type Fuel Level Indicator
- Low Emission, Low Noise & Low Vibration
- Inbuilt Remote Start Facility
- Hassle Free Single Point Service Support 24 X 7

# TECHNICAL SPECIFICATION

## GENSET

Model		ABC30	ABC40	ABC50	ABC62.5	ABC75	ABC82.5	ABC100	ABC125	ABC140	ABC160
Power Rating	kVA / kW <sub>e</sub>	30 / 24	40 / 32	50 / 40	62.5 / 50	75 / 60	82.5 / 66	100 / 80	125 / 100	140 / 112	160 / 128

## DIESEL ENGINE

Make	VOLVO EICHER COMMERCIAL VEHICLES (VECV)											
Model		EE483TCI	EE483TCI	EE483TCI	EE483TCI	EE683TCI	EE683TCI	EE694TCI	EE694TCI	EE694TCI	EE694TCI	
Rated Power	BHP	38	52	80	80	105	105	156	156	201	201	
Speed	RPM	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	
No. of Cylinder		4-In Line	4-In Line	4-In Line	4-In Line	6-In Line	6-In Line	6-In Line	6-In Line	6-In Line	6-In Line	
Displacement	Ltrs.	3.3	3.3	3.3	3.3	4.9	4.9	5.7	5.7	5.7	5.7	
Bore x Stroke	MM	100 x 105	100 x 105	100 x 105	100 x 105	100 x 105	100 x 105	100x120	100x120	100x120	100x120	
Compression Ratio		17:01	17:01	17:01	17:01	17:01	17:01	17.5:01	17.5:01	17.5:01	17.5:01	
Starting System		Electric Start										
Battery	V / Ah	12/90	12/90	12/90	12/90	12/90	12/90	12/130	12/130	12/130	12/130	
Governor Type		Mechanical							Mechanical / Electronic		Electronic	
Induction		Turbo Charged Inter-cooler										
Cooling System		Water Cooled										
Lubrication Oil Capacity	Ltrs.	11	11	11	11	14	14	23.8	23.8	23.8	23.8	
Coolant Capacity	Ltrs.	15	15	17	17	20	20	21.5	21.5	21.5	21.5	
Fuel Tank Capacity	Ltrs.	95	95	120	120	180	180	180	180	210	210	
Fuel Consumption 75% Load	Ltrs. / Hr.	5.45	6.38	6.38	10.41	10.41	14.4	14.4	20.5	27	27	

## ALTERNATOR

No. of Phases	Ph	1 Ph / 3 Ph				3 Ph					
Rated Voltage	V	230 / 415				415					
Current	A	130 / 42	174 / 56	70	87	104	115	139	174	195	223
Frequency	Hz	50									
Power Factor	PF	0.8 (lagging)									
Voltage Regulation	%	± 1%									
Insulation		Class H									
Enclosure		IP 23									

## DIMENSIONS & WEIGHT

Overall Dimensions (in mm)	Length	2500	2500	2800	2800	3200	3200	3200	3200	3700	3700
	Width	1050	1050	1050	1050	1250	1250	1250	1250	1450	1450
	Height	1280	1280	1580	1580	1680	1680	1680	1680	1840	1840
Genset Weight	Kg	1070	1080	1190	1200	1490	1500	1790	1800	2285	2300

### OPTIONAL FEATURES:

- Customized Control Panel in lieu of Standard Control Panel like AMF & Synchronizing application
- External Fuel Day Tanks for extra fuel storage
- Movable Trolley Mounted Genset

### NOTES:

- ABC Power Solutions reserves the right to make changes in Model, Specification, Colour, Equipment and Accessories without prior notice.
- Fuel consumption data is based on diesel having specific gravity of 0.85 and conforming to IS:1460. Fuel consumption tolerance is +5%
- Mentioned Weights are only for handling & transportation purpose, ±5 % tolerance may apply

## ABC POWER SOLUTIONS

Office: 201, Shiv Chambers, Near Hotel Sarvottam, GIDC, Vapi - 396195.

Factory: Survey No. 1463/P3, Shed-D, At Post Mota Ponda - 396191, Tal.: Kaprada, Dist.: Valsad.

M.: +91 89800 06928 • E: project.abcpower@gmail.com

Stamp of  
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