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EICHER POWER SOLUTIONS

TRUSTED WORLDWIDE

DIESEL GENSET

24h Service Support

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CPCB IV+ COMPLIANT



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ARAI Progress through Research APPROVED

CERTIFIED ISO 9001:2015 COMPANY

SCAN ME

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VE COMMERCIAL VEHICLES

A VOLVO GROUP AND EICHER MOTORS JOINT VENTURE

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LANVS

25KVA TO 160KVA SILENT DIESEL GENERATORS

MAKE IN INDIA

TECHNICAL SPECIFICATION OF ALL RATINGS										
Prime Rating (As per ISO8528)-KVA		25KVA	30KVA	40KVA	45KVA	50/60KVA	82.5KVA	100KVA	125KVA	160KVA
Prime Rating (As per ISO8528)-KW	KW	20	24	32	36	40/48	66	80	100	128
Frequency	Hz	50HZ								
Rated Speed	RPM	1500RPM								
Power Factor	Lagging	0.8								
DEF / Ad Blue Capacity in Litre		NA					27			
Voltage (V) / Phase	Volts/Phase	3 Phase (415V) / 1 Phase (240V)				3 Phase (415V)				
Noise Level (in Free Field Condition as per ISO3744 / ISO8528 (Part-10)	dBA	<75 Dba								
Fuel Tank Capacity	Litres	90		105		150	210		250	320
Engine Specification										
Engine		E483					E494		E694	
Engine Band		EICHER								
No of Cylinders		4							6	
Rated Power	BHP	38		57		74	104	128	155	200
BORE X STROKE	mm	100 X 105					100 X 120			
Displacement	Litres	3.3					3.8		5.65	
Compression Ratio		17:01								
Method of Aspiration		TCIC								
Coupling	SAE	SAE10 / SAE3					SAE11.5 / SAE2			
Direction of Rotation from Flywheel end	Clockwise/ Anticlockwise	Anticlockwise When Viewed From Flywheel End								
Air filter		Dry Type								
Engine Cooling		Liquid Cooling								
Coolant Quantity	Ltr	13		16			20	22		24
Ambient capability of radiator	°C	<50								
Tripping temperature of HCT switch on engine	°C	105								
Starter Motor Voltage	Volts	12 V								
Battery Charging Alternator		12 V / 55A								
Fuel Pump	Type	CRDi								
Type of Governor		EMS (Electronic) class A1								
Exhaust Treatment System		DOC					DOC + SCR			
Dimensions (L X W X H)	mm	2350X1000X1360		2600X1080X1510			3200X1300X1510		3300X1300X1860	
DG Protections		Oil Pressure Sensor, Coolant Temperature Sensor, Urea Sensor, Thermal cut-o in Starter, Boost air pressure sensor, Fuel Pressure, CoWater in Fuel, Fuel Temperature switch, Oil Temperature sensor, Overload, Overspeed, Current Unblancing, Charging Alternator / V Belt, Servove Due (failed to Start - failed to stop)								
Display Parameters		Running time hours,Current, Voltage, Engine RMP. Frequency, Engine Temperature & Oil Pressure, Battery (Voltage), Service due hour, KVA, PF, KW,KWS, Fuel & DEF Level Visual								
Other Features		In-built Oil Cooler, Piston Cooling Jet, 4 Valve per cylinder, Engine Oil & Coolant pre-filled								
Mobil Oil Sump Capacity		13					14.5		21.5	
Alternator										
Make		MECC ALTE / Stamford								
Rating of AC Generator		25/20	30/24	40/32	45/36	60/48	82.5/66	100/80	125/100	160/128
Rated Speed/Rated Volatge (line to line) / Phase / Pole		1500 RPM / 415V / 3 Phase / 4 Pole								
Rated Current		34.78A	41.7A	55.65A	62.6A	83.5A	114.8A	139.12A	174A	222.6A
Frequency /Rated Power Factor / Winding Pitch		50 Hz / 0.8 pf / Pitch 2/3								
Voltage Regulation (with 4% Engine Governing)		1%								
Insulation Class / Temprature Rise Limit		H								
Over Load		10% Over Load for 1 Hour Once in 12 Hours								
Total Harmonic Distortion		No-Load <2%								
Nominal Ambient Temperature / Altitude		- 15 to + 40 degree Celsius / < _ 1000 m								
Type of Alternator		Brusheless / Self-Exited and Self-Regulated / Double Layer Lap Winding / Ip23								
Analogue AVR Model		R120 / AS540					R120 / AS440			
Standard Control Panel										
Control Panel Type with AMF Sensing		Manual / Ip54 / with AMF Sensing								
Controller Make / Model / Modes of Operation		DEIF (SGC120) / DEEPSEA (4520) / Equivalent / Auto, Manual and Remote Start-Stop								
Display		Full Graphics LCD, Backlit Full Graphics LCD with Power Saving Feature for Extended Lifetime								
MCB / MCCB - Current	Amps(A)	50A		63A	80A	100A	125A	160A	200A	250A
Battery Charging Point		12V DC / 10 A								
Current Transformer (CT) Coils - Primary Current	Amps(A)	50A		75A		100A	150A	200A	200A	250A
Current Transformer (CT) Coils - Class		Class 1								
Kilo Watt Hour (KWH) Meter - Type		Analog Counter Type								
Remote Information & Monitoring Module (RIMM)5		No					Yes			
Aubidle Annunciation System (AAS) as per CPCB Norms		-					Yes			
Battery										
Battery Make / Battery Capacity (Ah)		(TATA Green / Equivalent) 80 Ah					(TATA Green / Equivalent) 130 Ah			
Warranty		Warranty for LANVS DG Sets is for 2 Years / 24 months or 5000 hrs from the date of commissioning, whichever is earlier subject to use VECV / Eicher Oil, VECV / Eicher Genuine Filters, LANVS Coolant, VECV / Eicher DEF and Service souced from LANVS or its authorised reprentative, / associate.								
Service Schedule		50hrs - Oil Change & Oil Filter & Every 700 Hrs or 1 Year, whichever is earlier								

Service Support · CUSTOMER SERVICE · SERVICE SUPPORT · RUGGED DESIGN · COMPACT · EXPORTED GLOBALLY

GOEM OF VECV & VOLVO PENTA

LANVS

LANVS GREEK INDIA PVT. LTD

Registered office: Plot No. 211,Block-A, Indraprastha Enclave, Sector-17, Dwarka, New Delhi-110075,

Factory Address: KH NO.1924/2287, Village Gugalkota, Tehsil Neemrana, Shahjahanpur Industrial Area, Kotputli Behror, RAJASTHAN-301706

DEALER / AUTHORISED REPRESENTATIVE

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