



30 - 160 kVA
CPCB Compliant

GUJARAT'S LEADING GENSET BRAND

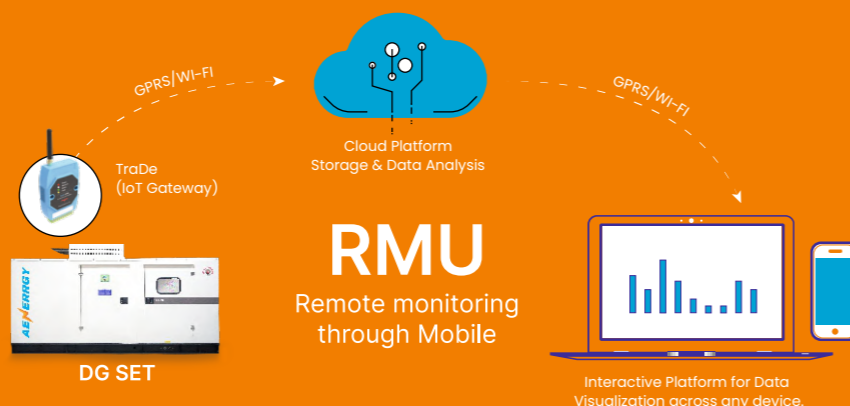
The power to keep you going,
in any situation.



VE COMMERCIAL VEHICLES
A VOLVO GROUP AND EICHER MOTORS JOINT VENTURE

DG Set Model	UNIT	AEVE - 30	AEVE - 40	AEVE - 45	AEVE - 50	AEVE - 62.5	AEVE - 75	AEVE - 82.5	AEVE - 100	AEVE - 125	AEVE - 140	AEVE - 160
Duty		Prime	Prime	Prime	Prime	Prime	Prime	Prime	Prime	Prime	Prime	Prime
Power Rating	kVA/kWe	30/24	40/32	45/36	50/40	62.5/50	75/60	82.5/66	100/80	125/100	140/112	160/128
Rated Current	Amp.	41.7	55.6	62.55	69.5	86.88	104.25	114.67	139	173.75	194.6	222.4
Weight (Genset + Enclosure)	Kgs	1150	1170	1170	1250	1250	1700	1700	2000	2000	2400	2400
Dimension (L x B x H)	mm	2300 x 1050 x 1250	2500 x 1050 x 1250	2500 x 1050 x 1250	2650 x 1150 x 1450	2650 x 1150 x 1450	3200 x 1150 x 1450	3200 x 1150 x 1450	3400 x 1250 x 1450	3400 x 1250 x 1450	3700 x 1400 x 1700	3700 x 1400 x 1700
Engine Make	VE COMMERCIAL VEHICLES <small>A VOLVO GROUP AND EICHER MOTORS JOINT VENTURE</small>						VE COMMERCIAL VEHICLES <small>A VOLVO GROUP AND EICHER MOTORS JOINT VENTURE</small>					
Engine Power	KWm	28.35	38.8	38.8	59.68	59.68	78.33	78.33	116.37	116.37	149.95	149.95
Engine Power	HP	38	52	52	80	80	105	105	156	156	201	201
Engine Model	--	EE483TCI	EE483TCI	EE483TCI	EE483TCI	EE483TCI	EE683TCI	EE683TCI	EE694TCI	EE694TCI	EE694TCI	EE694TCI
Nos. of Cylinders	--	4	4	4	4	4	6	6	6	6	6	6
Bore x Stroke	mm	100 x 105	100 x 105	100 x 105	100 x 105	100 x 105	100 x 105	100 x 105	100 x 120	100 x 120	100 x 120	100 x 120
Displacement	Ltrs	3.3	3.3	3.3	3.3	3.3	4.9	4.9	5.7	5.7	5.7	5.7
Compression Ratio		17:1	17:1	17:1	17:1	17:1	17:1	17:1	17.5:1	17.5:1	17.5:1	17.5:1
Lube Oil Sump Capacity	Ltrs	13	13	13	13	13	17	17	23.8	23.8	23.8	23.8
System Cooling Capacity	Ltrs	15	15	15	17	17	20	20	21.5	21.5	21.5	21.5
Fuel Tank Capacity	Ltrs	95	95	120	120	120	180	180	180	180	250	250
System Voltage	V	12 V	12 V	12 V	12 V	12 V	12 V	12 V	12 V	12 V	12 V	12 V
Capacity	AH	90	90	90	90	90	90	90	130	130	130	130

ALTERNATOR	
Make (As per Availability)	Leroy Somer / Mecc Alte / Crompton Greaves / Stamford
Enclosure Type	IP23
Voltage Regulation	+/- 1%
Class of Insulation	Class H
Excited	Self Excited
Bearing	Single Bearing
Type	Brushless
Conformation Standards	Engine - BS 5514, ISO 3046 Alternator - IS 13364 (I & II) Genset - ISO 8528



ADVANTAGES OF VOLVO EICHER ENGINE

SUPERIOR UP TIME

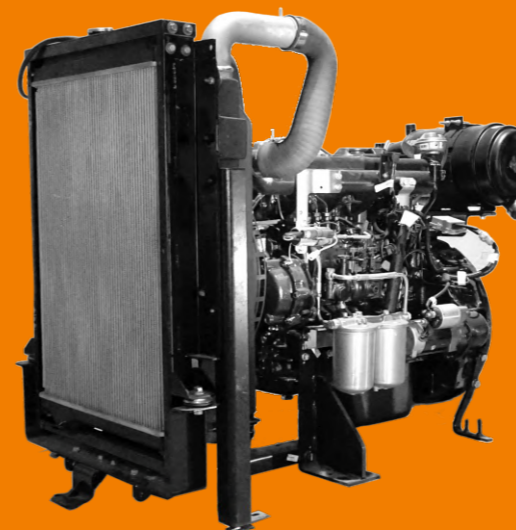
- Robust Design: Proven in toughest applications like Construction Equipment, Material Handling, Marine and Argo.
- In Built Oil Cooler Suitable for Continuous operation
- Unmatched Engine Protections: LLOP, HWT, Air Filter Chocking, CAF
- Bypass Filter
- Piston Cooling Jet
- Better Metallurgy: Ensures longer maintenance period & overhauling period
- Longer product life cycle

LOW OPERATING COST

- Remarkable Fuel Economy
- Longer Service Interval
- Economical Spare Parts Pricing
- No Running-In period

BEST PRODUCT PERFORMANCE

- Excellent Block Loading Capability
- Extremely low vibration
- Low Deration on account of High Temperature and Altitude



Prime power- Applicable for supplying power for varying electrical loads for unlimited hours.

Prime power (PRP) is in accordance with ISO 8528. Conformance standards: IS/IEC 60034-1, IS1460, ISO8528, ISO 3046, IS13018, ISO 9001.

Standby Power - Applicable for supplying power for varying electrical load for maximum usage of 200 hours per year and No overload capability is allowed.

Emergency Standby Power (ESP) is in accordance with ISO 8528.

Fuel consumption tolerance is +5%.

Specifications are subject to change due to continuous improvement and are for reference only.

WHY US

Power Management Expertise

24x7 Service Backup

40 Years Of Experience

Exhaust Stack System Expertise

Experience Of High HP Projects

Easy Servicibility

AMF/Synch Controller

Remote Monitoring Through Mobile

In-house Design & Mfg. Of DG Sets & Panels

Lowest Life-cycle Cost

Energy Efficient Engines

In-house Spares Backup



OUR ESTEEM CLIENTS



Plot n. 5615, Road No. 56,
Near Paliwal Police chowki,
GIDC, Sachin, Surat



sales@ajayenterprise.net
service@ajayenterprise.net
www.firstenergyinc.in



+91 91063 43342