



10 - 125 kVA
CPCB Compliant

GUJARAT'S LEADING GENSET BRAND

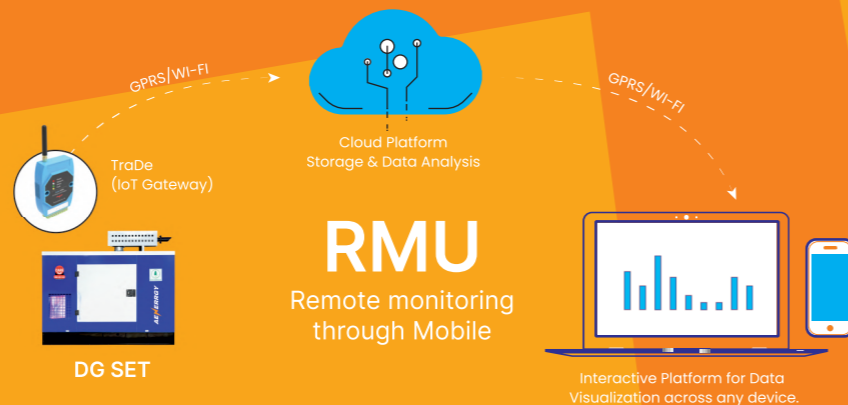
The power to keep you going,
in any situation.



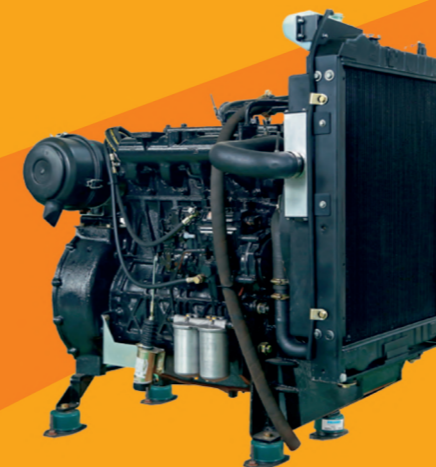
ESCORTS

DG Set Model	UNIT	AEES - 10	AEES - 15	AEES - 20	AEES - 25	AEES - 30	AEES - 35	AEES - 40	AEES - 45	AEES - 50	AEES - 62.5	AEES - 75	AEES - 82.5	AEES - 100	AEES - 125	
Duty		Prime	Prime	Prime	Prime	Prime	Prime	Prime	Prime	Prime	Prime	Prime	Prime	Prime	Prime	
Power Rating	kVA/kWe	10/8	15/12	20/16	25/20	30/24	35/28	40/32	45/36	50/40	62.5/50	75/60	82.5/66	100/80	125/100	
Rated Current (1 Ph till 20 kVA)	Amp. (1 Ph/3 Ph)	43.47/13.91	65.21/20.86	86.8/27.8	34.75	41.7	48.65	55.6	62.55	69.5	86.88	104.25	114.67	139	173.75	
Weight (Genset+Enclosure)	Kgs	670	670	670	870	880	1060	1060	1060	1200	1200	1550	1550	1700	1700	
Dimension (L x B x H)	mm	1700x1000x1250	1700x1000x1250	2000x1050x1350	2100x1050x1450	2100x1050x1450	2500x1050x1450	2500x1050x1450	2500x1050x1450	2500x1050x1450	2500x1050x1450	3000x1250x1600	3000x1250x1600	3200x1250x1650	3200x1250x1650	
Engine Make		ESCORTS				ESCORTS				ESCORTS			ESCORTS			
Engine Power	KWm	13.43	16.41	18.65	24.61	32.08	43.26	43.26	43.26	65.65	65.65	81.31	81.31	93.25	114.88	
Engine Power	HP	18	22	25	33	43	58	58	58	88	88	109	109	125	154	
Engine Model	--	G-12-II	G-15-II	G-20-II	G-25-II	G-30-II	G-40-II	G-40-II	G-40-II	G-62.5-II	G-62.5-II	697TC51	697TC51	697TC52	697TC10	
Nos. of Cylinders	--	2	2	3	3	3	4	4	4	4	4	6	6	6	6	
Bore x Stroke	mm	91 x 110	95 x 110	91 x 110	91 x 110	91 x 110	91 x 110	91 x 110	91 x 110	91 x 110	98 x 122	98 x 122	97 x 128	97 x 128	97 x 128	
Displacement	Ltrs	1.43	1.56	2.14	2.14	2.14	2.86	2.86	2.86	3.68	3.68	5.7	5.7	5.7	5.7	
Compression ratio		17.5 : 1	17.5 : 1	17.5 : 1	17.5 : 1	17.5 : 1	17.5 : 1	17.5 : 1	17.5 : 1	17.5 : 1	17.5 : 1	17.5 : 1	17.5 : 1	17.5 : 1	17.5 : 1	
Lube Oil sump Capacity	Ltrs	6.5	6.5	7.5	8	8	11	11	11	11	11	14	14	14	14	
System Cooling Capacity	Ltrs	7.5	7.5	11.5	12.5	12.5	14	14	14	18	18	18	18	18	18	
Fuel Tank Capacity	Ltrs	90	90	90	120	120	140	140	140	140	140	190	190	210	210	
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	12 V	12 V	12 V	
Capacity	AH	60	60	60	60	60	90	90	90	90	90	90	90	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 ESCORT ENGINE



SUPERIOR UP TIME

- In Built Oil Cooler Suitable for Continuous operation
- Unmatched Engine Protections: LLOP, HWT, Air Filter Chocking, CAF
- 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

- 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 Servicing

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



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