



**250 - 2500 kVA**  
CPCB Compliant

## GUJARAT'S LEADING GENSET BRAND

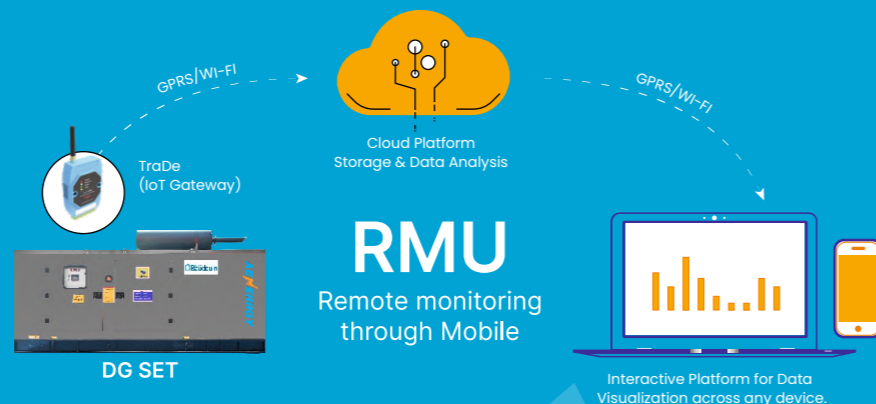
The power to keep you going,  
in any situation.



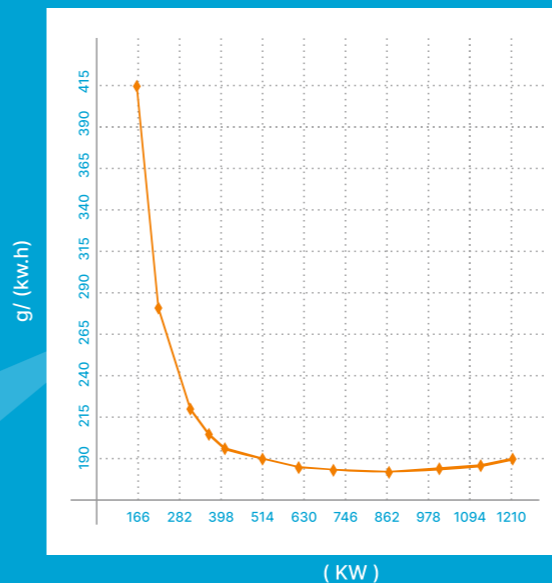
 **MOTEURS**  
**Baudouin**

DG SET MODEL	UNIT	AEB - 250	AEB - 320	AEB - 400	AEB - 450	AEB - 500*	AEB - 500	AEB - 625	AEB - 750	AEB - 1010	AEB - 1250	AEB - 1500	AEB - 1750	AEB - 1850	AEB - 2000	AEB - 2250	AEB - 2500*	AEB - 2500	
Duty		Prime	Prime	Prime	Prime	Standby	Prime	Prime	Prime	Prime	Prime	Prime	Prime	Prime	Prime	Prime	Standby	Prime	
Power Rating	kVA/kWe	250/200	320/256	400/320	450/360	500/400	500/400	625/500	750/600	1010/808	1250/1000	1500/1200	1750/1400	1850/1480	2000/1600	2250/1800	2500/2000	2500/2000	
Rated Current	Amp.	347.5	445.2	556.5	625.5	695	695	870	1043	1405	1739	2087	2435	2573	2783	3130	3478	3478	
Weight (Genset + Enclosure)	Kgs	3350	5120	6000	6400	6400	6500	8000	9700	12000	12850	17500	21000	23000	On Request				
Dimension (LxBxH)	mm	4500 x 1800 x 2000	5000 x 2000 x 2000	6200 x 1800 x 2050	6200 x 1800 x 2050	6200 x 1800 x 2050	6200 x 1800 x 2050	5950 x 2350 x 2550	7000 x 2500 x 2824	5950 x 2300 x 2300	7200 x 2500 x 2780	7200 x 2300 x 2360	11000 x 3000 x 4000	9850 x 3500 x 3500	On Request				
Engine Make		MOTELURIS Baudouin						MOTELURIS Baudouin			MOTELURIS Baudouin				MOTELURIS Baudouin				
Engine Power	KWm	235	290	409	409	409	450	550	660	889	1100	1350	1530	1680	1800	2010	2010	2200	
Engine Power	BHP	315	389	549	549	549	604	737.6	885	1192	1475	1810	2052	2253	2414	2696	2696	2950	
Engine Model	--	6M12G6D2/5	6M16G4D2/5	6M21G500/5E3	6M21G500/5E3	6M21G500/5E3	6M21G6D2/5	8M21G688/5E3	6M33D660E310	12M26D968E200	12M33D1210E200	12M33G1650/5	16M33G1900/5	16M33G2000/5	16M33G2250/5	20M33G2500/5	20M33G2500/5	12M55G2750/5	
Nos. of Cylinders	--	6	6	6	6	6	6	8	6	12	12	12	16	16	16	20	20	12	
Cylinder Arrangement		Inline	Inline	Inline	Inline	Inline	Inline	V- Type	Inline	V- Type	V - Type	V - Type	V - Type	V - Type	V - Type	V - Type	V - Type	V - Type	
Bore x Stroke	mm	108 x 136	126 x 130	127 x 165	127 x 165	127 x 165	127 x 165	127 x 165	150 x 185	150 x 150	150 x 185	150 x 185	150 x 185	150 x 185	150 x 185	150 x 185	150 x 185	180 x 215	
Displacement	Ltrs	7.47	9.7	12.54	12.54	12.54	12.54	16.72	19.6	31.8	39.2	39.2	52.3	52.3	52.3	65.4	65.4	65.6	
Compression Ratio		17.5:1	17:1	16:1	16:1	16:1	16:1	15:1	15:1	15.7:1	15:1	15:1	15:1	15:1	15:1	15:1	15:1	16.5:1	
Governing Class & Method		G3 & Electronic (ECU)									G2 & Electronic			G3 & Electronic (ECU)					
Lube Oil sump Capacity	Ltrs	24	24	30	30	30	34	44	61	109	155	155	171	171	171	240	240	480	
System Cooling Capacity	Ltrs	32	44	55	55	55	62	101	159	225	240	303	542	542	542	410	410	306	
Fuel At 100 % Load	Ltrs/Hr	54.10	67.2	85	88.3	98.7	102.5	127.8	165.2	202.7	251.6	302	337.9	351	378	425.1	490.2	490.2	
Fuel At 75 % Load	Ltrs/Hr	41.20	51.3	63.5	64.7	79	72.2	92.6	129.5	153.8	187.2	228.9	252.4	265	274	332	363.9	363.9	
Fuel Tank Capacity	Ltrs	500	700	700	700	700	700	990	990	990	990	990	990	990	990	990	990	990	
System Voltage	V	24 V	24 V	24 V	24 V	24 V	24 V	24 V	24 V	24 V	24 V	24 V	24 V	24 V	24 V	24 V	24 V	24 V	
Capacity	AH	150	150	150	150	150	150	150	150	150	150	150	200	200	200	200	200	200	

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



### LOAD TO FUEL GRAPH



### ADVANTAGES OF BAUDOIN ENGINE

- Best fuel efficiency**  
Low cost of ownership
- Low Lube oil sump capacity**  
More than 10% lower sump capacity means savings on Lube oil quantity
- HighHest BlocK loading**  
More than 50% block loading capability
- High Pressure common rail system**  
More reliable and reduced stress on injectors, which helps to reduce wear and tear
- eco friendly**  
Reduced Emission of NOx, SOx, Particulate Matter, CO
- 100+**  
Years of experience in diesel engine technology

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



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