

**TATA MOTORS
GENSETS**

EXPRESS GENSETS

#HindustanKaGlobalGenset

CPCB IV+
Range

TRIED | TESTED | TRUSTED – POWER WITH CARE



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www.generatorbazar.in

SALIENT FEATURES

- **Built for High Temperature:** All The Silent Generators of Rishabh Are Designed to withstand the ambient temperature of 45 degree Celsius, though the radiators used are able to withstand ambient temperature of 50 degree Celsius.
- **Sturdy:** TATA Engines are most sturdy as they are originally designed for Commercial vehicle application & can go upto 5000 RPM.
- **Lowest Fuel Consumption :** Rishabh Generators powered by TATA engines have the lowest fuel consumption as more available power of the engine allows optimal fuel flow & there by the generator runs smoothly & efficiently.
- **Widest Service Network:** In India We at Rishabh | TATA Give you the most widespread Service network, with over 1800 Service dealers across India, we have the most extensive service network.
- **Highest block loading capacity (50% - 60%)** across range which is best in Industry.
- **Annual maintenance contract** through our responsive-service network. Extended warranty Option available.

WORLD CLASS GENSETS MADE IN INDIA FOR THE WORLD

Our world class Gensets come with:

India's World's India's World's India's World's World's World's World Class Self Starter & Dynamo	NUMBER ONE	Diesel Engine TATA AC Generator STAMFORD/MECCALTE Steel for Acoustics TATA STEEL Genset Controllers DEEP SEA Foam for Acoustics SheelaFoam Lead Acid Battery EXIDE A.V.M Pads POLYBOND Switchgear Schneider Electric Paint AkzoNobel World Class Radiator TATA TOYO
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EVERY COMPONENT MATTERS

TATA have used the Best Components of The Industry to give you a World Class Product.
Below You May Find A Sneak Peek on Some of The Major Components.

ACOUSTIC ENCLOSURE

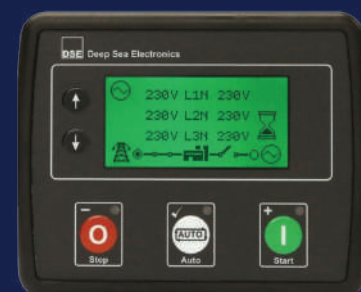
Our Silent Gensets use India's No 1 Steel in our gensets by **TATA STEEL**

- Aesthetically designed, weather and sound resistant enclosure.
- Designed for Ease of Access and Serviceability.
- Acoustic Enclosures come with UV resistant powder coating which can withstand extreme weather conditions.
- Smallest Footprint giving an edge to optimize your valuable space.
- Ease of handling with appropriately located Center/ Single lifting arrangement & Forklift Slots for easy shifting.
- Inbuilt Silencer up-to 75kVA, above 75kVA Silencer Comes with Bird Protection.
- Practically located fuel filling point.
- Rishabh Silent Gensets Come with India's No.1 Sheela Foam (makers of Sleepwell Mattress).
- Certified for stringent and latest MoEF / CPCB IV+ norms of less than 75 dB at 1 meter.
- Super Silent models for special applications which have 68-70 db sound level at 1 meter in open field conditions.
- The Foam used in enclosure is fire retardant.

GENSET CONTROLLER / SWITCHGEAR EQUIPMENT

Our Generators come with World class controllers from Deep sea

- Fault recognition by name unlike other controllers which display fault code.
- Microprocessor based.
- Brilliant & bigger best in class LCD screen.
- Lowest battery consumption in ideal condition.
- Manual Breaker operation with tactile buttons on front panel.
- This controller comes with IP 65 protection against water seepage.
- World class Dgset monitoring & protection features.
- Available with Automatic & Manual Functions on demand.
- Rishabh Generators come with World No. 1 Switch gear from Schneider / L&T



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TECHNICAL SPECIFICATION

DG SET	DG Set Model	RT+20	RT+25	RT+30	RT+35	RT+40	RT+45	RT+50	RT+58	RT+62.5	RT+82	RT+100	RT+125	RT+140	RT+160*
	Rating (kVA)	20	25	30	35	40	45	50	58.5	62.5	82.5	100	125	140	160
	Rating (kW)	16	20	24	28	32	36	40	46.8	50	66	80	100	112	128
ACOUSTIC ENCLOSURE	Starting System	12V DC													
	Battery (Ah)	90										100			
	Canopy Size : LxBxH (mm)	2400 X 1100 X 1550				2600 X 1100 X 1600					2800 X 1100 X 1760	3300 X 1250 X 1950			
	Fuel Tank Capacity (Ltrs)	100				160						240			
	Weight (Kg)	950	950	1050	1150	1200	1250	1375	1475	1475	1860	2205	2205	2275	2345
	Thickness of Foam In doors	40									50	75			
	Density of Foam for Sound Insulation	32									38	50			
	Steel Thikness in Acoustic	TATA Steel Base 3 mm Rest of Canopy 1.6 mm													
ENGINE	Engine Model Family	497SP				497SPTC89					497TC57	697TC60		697TC60	
	Engine Make	TATA													
	Engine Power (Bhp)	43	43	43	74	74	74	74	74	74	102	158	158	158	158
	Rated Speed (RPM)	1500													
	No. of Cylinders	4										6			
	Bore (mm)	97	97	97	97	97	97	97	97	97	97	97	97	97	97
	Stroke (mm)	100	100	100	100	100	100	100	100	100	128	128	128	128	128
	Total Displacement (CC)	2960									3800	5700			
	Lube oil Sump Capacity (Ltrs)	7									10	15			
	Total Coolant Capacity (Ltrs)	13									16	25			
	Oil Change Period	500 Hrs Or 6 Months Which Ever Is Earlier													
	Compression Ratio	17.5 : 01													
	Aspiration	TCIC & CRDI													
	Cooling System	Water/Coolant													
	FIP	MICO Bosch - CRDI													
	Governing Type	Electronic-G3													
	DEF Tank Capacity (Ltr)	N/A									TATA Motors Premix as per ISO 22241 (25Ltr.)				
ALTERNATOR	Emission Norms	CPCB-IV+ Compliant													
	Alternator Make	Meccalte Stamford													
	Type (PF)	Brushless, H Class Insulation (0.8)													
	Frequency (Hz)	50													
	Voltage (V)	230/415													
CONTROLLER	Amperes (A) @ 415 V	27	34	41	48	55	62	69	81	86	114	139	173	195	223
	Controller Make	Deepsea													
	Type	Microprocessor Based, LCD fault display screen, Auto start / Stop Features													
	Remote Monitoring System	Optional									Available				
	Display Parameters	Run Time Hours, Current, Voltage, Engine RPM, Frequency, Engine Temperature & Oil Pressure, Battery V, Service Due Hours, kVA, PF, KW, KWH, Fuel and DEF level Visual													
	Modes Available	Automatic/ Manual													
	DG Protections	Under/Over Frequency ,Current Unbalance, Over Speed, Overload, RWL, LLOP, HWT, LFL, Charging Alternator/V-belt, Emergency-Off, Service Due Fail To Start Fail To Stop													
MCB/MCCB	SCHNEIDER / L&T														

* Stand By Rating ^ Coming Soon, Note: In View of continuous product upgradation & design changes, above specifications & dimensions are subject to change without prior notice

India’s No. 1 TATA Engine

What makes **TATA** diesel engine India’s no.1 selling diesel engine ?

- **Maximum Power** : The engines have the highest Break Horse Power (BHP) & Highest Cubic Capacity (CC) in its class.
- **Environment Friendly** : The engines confirm to CPCB IV+ India norms having lowest emissions.
- **Global Engines of India** : **TATA** engines are truly world class & are used by DGSET Manufacturers Globally.



AC Generator | Alternator

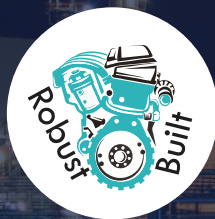
Salient Features of Alternators

- Best in Class Efficiency.
- 2/3 pitch winding alternator for better handling of harmonic and un-balanced load.
- Brushless Type and Class H insulation.
- Self-excited, self-regulated Single Bearing, Brushless & Continuous Duty.
- Protection Degree IP21/IP23.
- Inbuilt DVR in most alternators

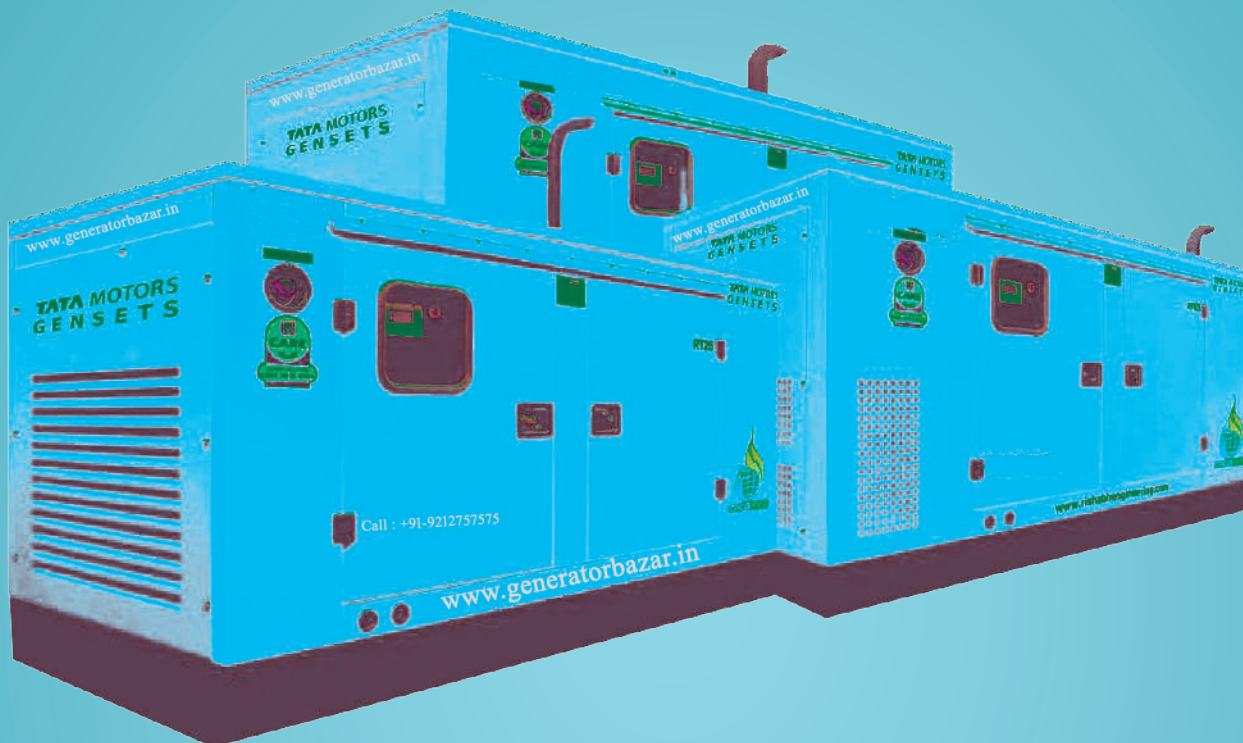


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Authorized Goem | **TATA MOTORS**

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