

TATA MOTORS Gensets

Trusted | Powerful | Durable

Rishabh
POWER WITH CARE

#HindustanKaGlobalGenset

5
YEARS
WARRANTY ON 5 C'S



NO.

1 WORLD CLASS GENSET WITH

DIESEL ENGINE OF INDIA | TATA
STEEL OF INDIA | TATA STEEL
LEAD ACID BATTERY OF INDIA | EXIDE
SWITCHGEARS OF WORLD | SCHNEIDER
AC GENERATOR OF WORLD | STAMFORD
CONTROL PANEL OF WORLD | WOODWARD
PAINT OF WORLD | AKZONOBEL



+91 9810145225



marketing@rishabhengineering.com



www.tatamotorsgensets.com
www.rishabhgenerators.com

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 (70% - 90%) 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 Diesel Engine | **TATA**
 World's AC Generator | **STAMFORD**
 India's NUMBER 1 Steel for Acoustics | **TATA STEEL**
 World's Genset Controllers | **WOODWARD**
 India's Foam for Acoustics | **Sheela**
 India's Lead Acid Battery | **EXIDE**
 India's A.V.M Pads | **POLYBOND**
 World's Switchgear | **Schneider Electric**
 World's Paint | **AkzoNobel**
 World Class Self Starter & Dynamo | **Lucas TVS**
 World Class Radiator | **TATA TOYO**



EVERY COMPONENT MATTERS

We at Rishabh | 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 II 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 No.1 controllers from **WOODWARD**

- 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.
- Only controller giving 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 Electric / ABB.



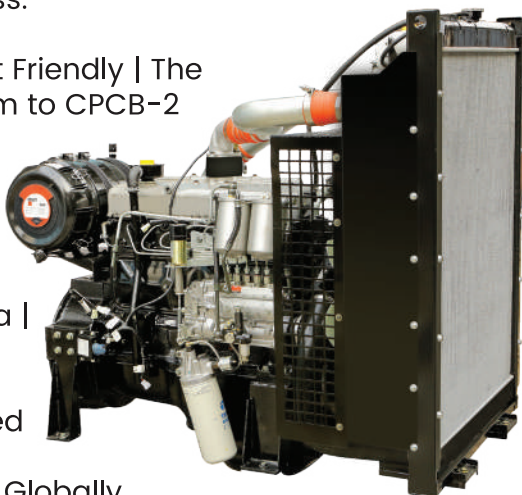
TECHNICAL SPECIFICATIONS															
DG SET	DG Set Model	RT-25	RT-30	RT-35	RT-40	RT-45	RT-50	RT-62.5	RT-75	RT-82.5*	RT-83	RT-100	RT-125		
	Rating (kVA)	25	30	35	40	45	50	62.5	75	82.5*	82.5	100	125		
	Rating (kW)	20	24	28	32	36	40	50	60	66	66	80	100		
ACOUSTIC ENCLOSURE	Starting System	12V DC													
	Battery (Ah)	90						100							
	Canopy Size : LxBxH (mm)	2350 x 1030 x 1425					2700 x 1100x 1550					3200 x 1200 x 1800			
	Weight (Kg)	850	890	910	950	1000	1150	1250	1350	1350	1600	1700	1800		
	Fuel Tank Capacity (Ltrs)	170					210					240			
	Thickness of Foam In doors	40					50					75			
	Density of Foam for Sound Insulation	32					38					50			
	Steel Make & Thickness in Acoustic	TATA Steel Base 3 mm Rest of Canopy 1.6 mm													
	Engine Model Family	497SPTC					497TC					697TC			
	Engine Make	TATA													
ENGINE	Engine Power (Bhp)	40.2	48.2	56.3	56.3	56.3	75.7	90	99.8	99.8	120	125.3	156		
	Rated Speed (RPM)	1500													
	No. of Cylinders	4						6							
	Bore (mm)	97	97	97	97	97	97	97	97	97	97	97	97	97	
	Stroke (mm)	100	100	100	100	100	128	128	128	128	128	128	128	128	
	Total Displacement (CC)	2960					3800					5700			
	Lube oil Sump Capacity (Ltrs)	7					10					15			
	Total Coolant Capacity (Ltrs)	13					14					18			
	Oil Change Period	500 Hrs Or 6 Months Which Ever Is Earlier													
	Compression Ratio	17.5 : 01													
	Aspiration	Turbo Charged													
	Cooling System	Water/Coolant													
	FIP	MICO Bosch - Inline Pump						Rotary / inline pump				MICO Bosch - Inline Pump			
	Governing Type	Mech-A1 Governing						Electronic Governing - A0 Mechanical Governing -A1				Mech-A1 Governing			
	Emission Norms	CPCB-II Compliant													
ALTERNATOR	Alternator Make	Stamford													
	Type (PF)	Brushless, H Class Insulation (0.8)													
	Frequency (Hz)	50/60													
	Voltage (V)	230/415 110/230													
CONTROLLER	Amperes (A) @ 415 V	34	41	48	55	62	69	86	104	114	114	139	173		
	Controller Make	WoodWard 1400 / 1600													
	Type	Microprocessor Based, LCD fault display screen, Auto start / Stop Features													
	Display Parameters	Run Time Hours, Current, Voltage, Engine RPM, Frequency, Engine Temperature & Oil Pressure, Battery V, Service Due Hours, kVA, PF, KW, KWH													
	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 / ABB														

* Stand By Rating ^ 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-2 India norms having lowest emissions.
- Global Engines of India | **TATA** engines are truly world class & are used by DGSET Manufacturers Globally.



World's No. 1 A/C Generator | Alternator

Salient Features of **STAMFORD** Alternators By Cummins Generator Technologies Ltd :

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

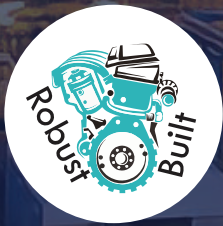


TATA MOTORS Gensets

Trusted | Powerful | Durable

Rishabh

POWER WITH CARE



#HindustanKaGlobalGenset



ISO 9001
Rishabh
SILENT GENSETS

Authorized Dealer Stamp



Manufactured By :
Authorized Goem | **TATA MOTORS**
Rishabh Engineering Co. 217 Richpalpuri Opp. Hapur Morh,
G. T. Road Ghaziabad, Delhi NCR-201001 India

Printed In India
PG/RT/030/S25-125KVA/REC/AUG/2021/2000

Use of the material for reproduction on the internet and world web is strictly prohibited without written permission from Rishabh Engineering Co.