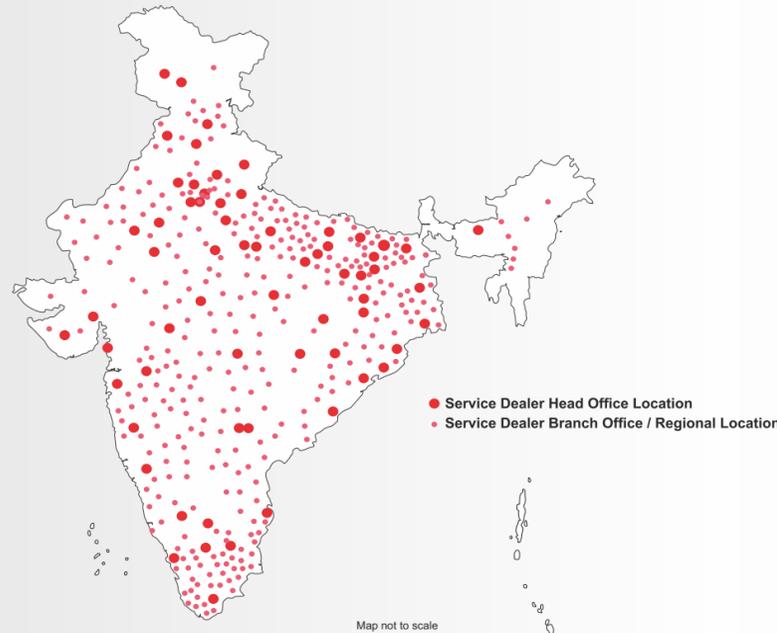


EXISTING CLIENTS



All client names and logos featured are the property of their respective trademark or copyright owners and do not belong to TMTL.

PAN INDIA SERVICE NETWORK



You can rely on us...

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- ✉️ dgsales@tmtl.co.in
- 🌐 eicherengines.tmtl.in
- 📘 fb.com/TMTLEngines

PERFECT HOUSE PRIVATE LIMITED
 Authorised OEA of TAFE Motors and Tractors Limited
 Registered Office : 6, Commerce House, 140, Nagindas Master Road, Fort, Mumbai - 400 001. Tel: +91-22-2267 7357, 66332237, Fax : +91-22-6633 2238
 Factory Address : M-7, Additional MIDC, Satara - 415004, Maharashtra
 Email : sales@perfecthouseltd.com, marketing@perfecthouseltd.com
 Website : www.perfecthouseltd.com

TAFE MOTORS AND TRACTORS LIMITED
 (A wholly owned subsidiary of TAFE)

Dealer Stamp



TECHNOLOGY HAS A NEW NAME

BEST FUEL ECONOMY BEST IN RELIABILITY
 BEST COST OF OWNERSHIP BEST IN CLASS SERVICE



* Terms and conditions apply



You can rely on us...

TMTL

EICHER ENGINES
5 TO 45 kVA

TMTL ENGINES
62.5 TO 125 kVA

#IndiaKaEngine

OUR HERITAGE

As one of the pioneers in manufacturing diesel engines in the country with a heritage of more than 55 years lending to its expertise, TMTL Engines Division envisages growing exponentially in the power generation segment by providing cutting edge technology, best fuel efficiency, and lowest cost of ownership. In 2005, Tractors and Farm Equipment Limited (TAFE) acquired the tractors, gears, transmission and engines business from Eicher Motors Limited through its wholly owned subsidiary TAFE Motors and Tractors Limited (TMTL). Along with the plant and machinery, TAFE also acquired the right to use the Eicher Engines brand name for engines up to 60 hp (45 kVA).

Through technical collaboration with companies such as Ricardo Consulting (UK), Sisu Diesel and Valtra (Finland), a new range of Engines from 82.3 HP to 160 HP (62.5 kVA to 125 kVA) was developed and marketed under the TMTL Engines brand name. Currently both Eicher Engines (5 kVA to 45 kVA) and TMTL Engines are being sold under the umbrella brand of E-TMTL.

TMTL Engines Division offers economical power solutions with custom built products and services to cater to a wide range of institutional and retail customers ranging from banking and finance, rental agents, commercial, construction and real estate, hospitality, information technology, government and public sector, small and medium enterprises, petrol pumps, educational institutes, residential and hospitals etc., and has an existing base of over 7,00,000 highly satisfied customers.

With an emphasis to meet global standards of quality and productivity, TMTL Engines Division employs quality management tools like TQM, TPM, SGA and Kaizen extensively. The engines plant at Alwar is certified under ISO: 9001:2000, ISO: 9001:2008, OHSAS 18001: 2007, ISO-14001:2004 and Ts16949.

TMTL Engines Division is one of the fastest growing engines manufacturers in India. Backed by a strong, vast and ever-expanding service network it enjoys a dominant market share in the Telecom segment where timely and quality service is a critical factor. TMTL Engines Division's flagship product, 125 kVA genset, is one of the most technologically advanced gensets in India with indigenously developed CRDI engine and Isochronous Governing, which is helping TMTL carve a unique identity for itself in its quest to truly become #IndiaKaEngine.



Eicher Engines are Manufactured and Marketed by TAFE Motors and Tractors Limited, under a license from Eicher Goodearth Private Limited. "EICHER" is the exclusive trademark of Eicher Goodearth Private Limited.

FEATURES & BENEFITS

ENGINE	
Cutting Edge Technology	Best in Class Fuel Efficiency Lowest Maintenance Longest Oil Change Period Longest Overhauling Period Most Economical Genset
A 1 Governing	Quality of Power Lowest Flickering and Fluctuation
High Moment of Inertia and Torque	Best in Class Block Loading Capability Better Performance at Varying Loads
Individual Blowers (Air Cooled Range)	Even cooling of all the cylinders Better efficiency
Turbo Charger with Inter Cooler (Water Cooled Range)	Better Engine Efficiency
Most Reliable Engines	Prime Power Rating available across range Most Powerful Engines in their Class
ACOUSTIC ENCLOSURE	
CRCA Sheet	Longer Life
40 mm PU Foam (5 to 62.5 kVA) 50 mm PU Foam (82.5 to 125 kVA)	Thickest in its class Low noise and vibration level Super Silent Options available
Silencer Inside the Canopy	Better Aesthetics Longer life of Silencer
Compact Size	Saves Space Suitable for roof top installation
Large Doors on Both Sides Drain Provided for Lube Oil and Fuel Tank	Ease of Maintenance
Unitary Front and Back Panel Canopy with Internal Bolting Stainless Steel Hinges with SS Studs SS Slam Locks with Barrel & Padlock arrangement	Higher Degree of Safety
Dual Fuel Lock S-bend Fuel Pipe Stainless Steel Fuel Strainer	Pilferage Proof
State of Art Powder Coating Plant	Long Life Weather Protection
BEST IN CLASS SERVICE	
Single Point of Contact Round the Clock Assistance Pan India Service Network	Delighted Customer
Highly Qualified & Trained Service Team Post Service Feedback Mechanism	
TMTL CARES	
24X7 TMTL Care Number	1 860 425 8685
Assistance in Load Calculation	Optimum Sizing of the Genset
Installation Guidance	Better Life and performance
Training of Genset Operators	Better Maintenance & Optimization
Customized AMCs/CMCs	Lifelong association

TECHNICAL SPECIFICATIONS

GENSET													
Power (kVA)	5	7.5	10	12.5	15	20	25	30-35	40-45	62.5	82.5	125	
Genset Model	PECH-5	PECH-7.5 R	PECH-10	PECH-12.5	PECH-15	PECH-20A	PECH-25	PECH-30 PECH-35	PECH-40 PECH-45	PECH-62.5	PECH-82.5	PECH-125	
Duty	Prime	Prime	Prime	Standby	Prime	Standby	Prime	Prime	Prime	Prime	Prime	Prime	
Control Panel	Options Available for AMF/Manual Control												
Acoustic Insulation	PU FR- Acoustic Foam												
DG Dimensions (mm)	L	1500	1500	1950	1950	1950	1950	2250	2250	2450	2650	3300	3300
	B	850	850	1030	1030	900	900	900	1030	1030	1100	1300	1300
	H	1225	1225	1400	1400	1250	1250	1250	1400	1400	1550	1700	1700
Fuel Tank Capacity (Lt.)	50	50	100	100	100	100	100	100	100	125	250	250	
Weight of DG Set (Kg) **	650	700	925	940	950	950	1050	1200 / 1225	1270 /1330	1470	1980	2050	
ENGINE													
Engine Manufacturer	TAFE Motors and Tractors Limited												
Engine Brand	Eicher Engines									TMTL Engines			
Engine Model	198 ES	198 ES	222 ES	222 ES	322 ES	323 ES	422 ES	422 TC	422 TCI	881 ES	1121 ES	1751 ES	
No. of Cylinders	1	1	1	1	2	2	3	3	3	3	4	4	
Aspiration	Naturally Aspirated							Turbo Charged	Turbo Charged Inter-cooled				
Engine BHP (gross)	11.5	11.5	18.7	18.7	25.1	25.7	35.5	48.2	60	82.3	102	160	
Reference Standard	Engine - BS: 5514, ISO: 3046, IS: 10000, Genset - ISO: 8528												
Displacement (cc)	981	981	1557	1557	1963	1963	2945	2945	2945	3298	4910	4910	
Compression Ratio	17.5:1	17.5:1	17.8:1	17.8:1	17 : 1	17 : 1	17 : 1	17 : 1	17 : 1	17 : 1	17 : 1	17 : 1	
Type/Class of Governing	Mechanical / A1 (As per BS 5514)											Iso-chronous	
Air cleaner	Dry Type												
Type of cooling	Air Cooled								Water Cooled				
Lub oil Sump capacity (with filters)	5	5	7.5	7.5	8.0	8.0	9.5	9.5	9.5	8.0	15	18	
Engine Electrical System	12 Volts DC												
ALTERNATOR													
Phase	1 Phase / 3 Phase									3Phase			
Voltage	240 V AC, 415 V AC									415 V AC			
Power Alternator Type	Single Bearing, Brushless, Single / Three Phase, Insulation Class H												
Power Factor	0.8 lag												
Rated speed / Freq	1500 RPM / 50 Hz												

Because of continuous improvements, product specifications and features described herein are subject to change without notice | DG Set Noise level conforming to CPCB norms

** 1. The weight of the DG Sets is approximate only (With engine lube oil and coolant as applicable but without the Diesel). 2. Tolerance applicable on the weight of the DG Sets +/- 50 Kg owing to variation in the genset accessories and different makes of the alternator.

WARRANTY TERMS

Warranty period covers 2 Years or 5000 Hours run* (whichever is earlier)

Warranty on 5C covers 5 Years or 5000 Hours run* (whichever is earlier)

* Terms and conditions apply

PRIME POWER (PRP)

Applicable for supplying power to varying electrical load for unlimited hours. Prime Power (PRP) is in accordance with ISO 8528.

10% overload capability is available in accordance with ISO 3046, AS 2789, DIN 6271 and BS 5514.



TMTL GENSET CONTROL UNIT

Protection for Over / Under Voltage / Frequency / Speed, Over load, Canopy FAN fault, Load imbalance, Low Lube oil pressure, High cylinder / water temperature, Low Fuel level, Radiator water low, Charging alternator / V-Belt failure etc. Service due prompt - Control unit will display the Service due alert based on running hours

#Applicable for Air-cooled DG sets only.