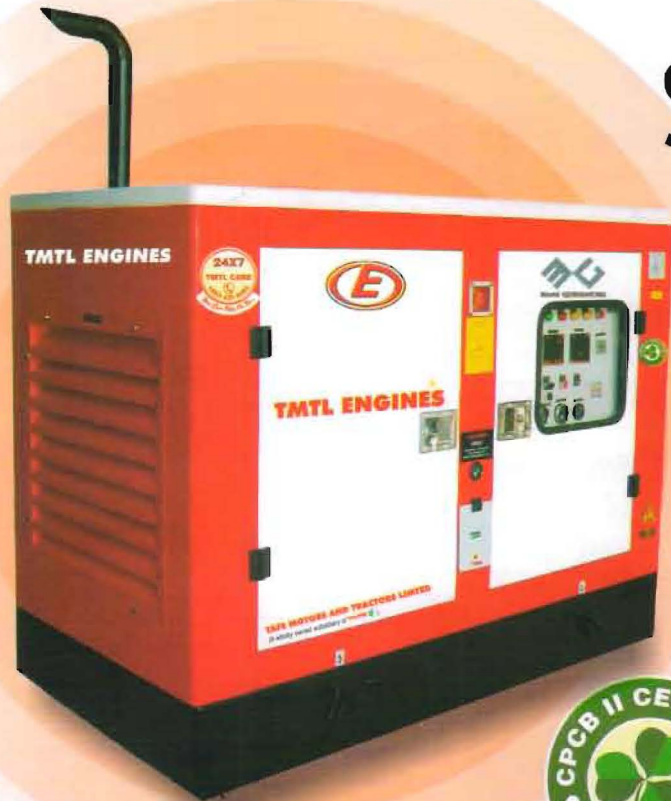




EICHER ENGINES / TMTL ENGINES powered Silent Gensets



5 kVA - 82.5 kVA



DG SET FEATURES

- ⚡ A1 Governing
- ⚡ Inside Silencer
- ⚡ 5000 Hr Warranty *
- ⚡ Lowest Maintenance Cost
- ⚡ Highly fuel efficient
- ⚡ 500 hrs service interval
- ⚡ Pure polyester powder coating
- ⚡ Higher engine overhaul period *
- ⚡ 40 mm thick fire retardant foam
- ⚡ Variants available with Panels as Semi Automatic & AMF
- ⚡ Service anytime anywhere



Lifting hook & Rope Guider to prevent damage while lifting



SS Slam Locks with Barrel Lock & Pad - Lock arrangement - Double Protection



Provision for external power cable termination (Optional)



Emergency Stop Button



4 Earthing Slots to facilitate proper Earthing



Provision of an additional lock at the lid from where the fuel is filled - No diesel theft

* Conditions apply

EICHER ENGINES
UP TO 45 KVA

TMTL ENGINES
62.5 KVA ONWARDS

TECHNICAL SPECIFICATIONS

Parameter	Specifications												
Genset													
Power (kVA)	5 kVA	7.5 kVA	10 kVA	12.5 kVA	12.5 kVA	15 kVA	20 kVA	20 kVA	25 kVA	30- 35 kVA	40 - 45 kVA	62.5 kVA	82.5 kVA
Genset Model	MGPL-5	MGPL-7.5	MGPL-10	MGPL-12.5-5	MGPL-12.5	MGPL-15	MGPL-20-5	MGPL-20	MGPL-25	MGPL-30 MGPL-35	MGPL-40 MGPL-45	MGPL-62.5	MGPL-82.5
Rating	Prime	Prime	Prime	Standby	Prime	Prime	Standby	Prime	Prime	Prime	Prime	Prime	Prime
Battery	12V 65 AH	12V 65 AH	12 V 88/90 AH	12 V 88/90 AH	12 V 88/90 AH	12 V 88/90 AH	12 V 88/90 AH	12 V 88/90 AH	12 V 88/90 AH	12 V 88/90 AH	12 V 99/100 AH	12 V 99/100 AH	12 V 130 AH
Battery make	Exide / AMCO / Amaron / Prestolite / TAFE												
Control Panel	AMF / Manual Control - As per customer specifications												
Canopy Insulation	PU FR - Acoustic Foam												
DG Dimensions in mm (LXRXH)	1450 850 1225	1450 850 1225	1950 1030 1400	1950 1030 1400	1950 900 1250	1950 900 1250	1950 900 1250	2250 900 1250	2250 900 1250	2250 1030 1400	2250 1030 1400	2650 1100 1550	3300 1300 1700
Fuel Tank Capacity	50	50	100	100	100	100	100	100	100	100	100	125	250
Engine													
Engine Manufacturer	TAFE Motors and Tractors Limited												
Engine Brand	EICHER ENGINES	EICHER ENGINES	EICHER ENGINES	EICHER ENGINES	EICHER ENGINES	EICHER ENGINES	EICHER ENGINES	EICHER ENGINES	EICHER ENGINES	EICHER ENGINES	EICHER ENGINES	TMTL ENGINES	TMTL ENGINES
Engine Model	198 ES	198 ES	222 ES	222 ES	322 ES	322 ES	323 ES	422 ES	422 ES	422 TC	621 ES	881 ES	1121 ES
No. of cylinders (Nos)	1	1	1	1	2	2	2	3	3	3	3	3	4
Aspiration	Naturally Aspirated									Turbo Charged	TCIC#		
Engine BHP (Gross)	11.5	11.5	18.7	18.7	25.1	25.1	25.7	35.5	35.5	48.2	59.1	82.2	102
Reference Standard	Engine - BS 5514, ISO 3046, IS 10000, Genset - ISO 8528												
Displacement (cc)	981	981	1557	1557	1963	1963	1963	2945	2945	2945	3298	3298	4910
Compression ratio	17.5:01	17.5:01	17.8:01	17.8:01	17:01	17:01	17:01	17:01	17:01	17:01	18.5:01	17:01	17:01
Type / Class of Governor	Mechanical / A1 (As per BS 5514)												
Aircleaner	Dry type												
Type of cooling	Air Cooled									Water Cooled			
Lub Oil system capacity (Including Oil Filter)	5 Litres	5 Litres	7.5 Litres	7.5 Litres	8 Litres	8 Litres	8 Litres	9.5 Litres	9.5 Litres	9.5 Litres	7.6 Litres	7.6 Litres	15 Litres
Alternator													
Rating	5 kVA	7.5 kVA	10 kVA	12.5 kVA	12.5 kVA	15 kVA	20 kVA	20 kVA	25 kVA	30- 35 kVA	40 - 45 kVA	62.5 kVA	82.5 kVA
Phase	1 Phase / 3 Phase											3-Phase	
Voltage	230 / 240 V AC, 415 V AC											415 V AC	
Type	Brushless, Single / Three phase, Insulation Class H												
Power factor	0.8 lag												
Rated Speed (RPM) / Freq. (Hz)	1500 RPM / 50 Hz												
Make	Leroy Somer, Kirloskar Electric Co, Crompton Greaves, Stamford, Trident												

Product specifications and features described herein are subject to change without notice.

DG Set Noise level conforming to CPCB norms. TCIC # = Turbocharged with Intercooler

TCIC # = Turbocharged with Intercooler

WARRANTY TERMS

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

PRIME POWER (PRP)

Applicable for supplying power to varying electrical load for unlimited hours. Prime Power (PRP) is in accordance with ISO 8528. Ten percent overload capability is available in accordance with ISO 3046, AS 2789, DIN 6271 and BS 5514.

EXISTING VALUED CLIENTS

• Aditya Birla Retail • Bharti Infratel • BSNL • Yes Bank • Dominos • HDFC Bank • Indus Towers • Idea • Kotak Mahindra Bank • ICICI Bank • IOCL / BPCL / HPCL Petrol Pumps • Reliance • Tower Vision • Viom • Vodafone • Various Dairy Customers • Supply to various State / Central Govt. of India undertakings

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.

