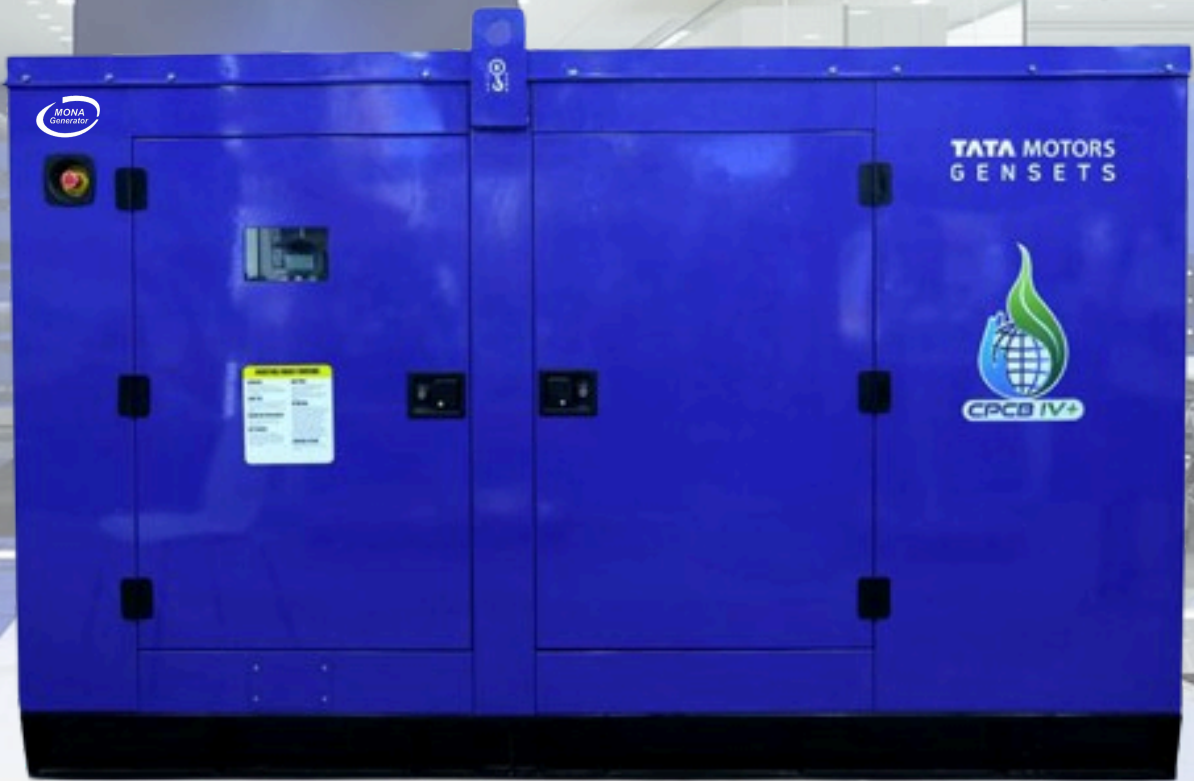




TATA MOTORS  
Gensets

# NEW ARRIVAL **CPCB IV+**



@monagenerators

**#YourEnergyYourWorld**

# TATA MOTORS GENSET

Reg Add: C-426,3rd Floor, Nirman Vihar, Delhi (110092)

Plant Add: DSIDC 35-36, Scheme 1, Okhla Phase-2, New Delhi (110020)

✉ [care@monagenerators.com](mailto:care@monagenerators.com)

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# Technical Specification

Genset Model	MT50PR	MT58PR	MT70PR	MT82.5PR	MT100PR	MT125PR
Power Rating kVA	50	58.5	70	82.5	100	125
Duty	Prime		Prime		Prime	
Power Rating kW	40	46.8	56	66	80	100
Power Factor	0.8 (lagging)		0.8 (lagging)		0.8 (lagging)	
Voltage	415 V		415 V		415 V	
Current	70 Amp	81 Amp	97 Amp	115 Amp	139 Amp	174 Amp
RPM / Frequency	1500 RPM / 50 Hz		1500 RPM / 50 Hz		1500 RPM / 50 Hz	
DG Set Noise at 1 meter	< 75 dBA		< 75 dBA		< 75 dBA	
Compliance to Environment Protection Norms	CPCBIV+		CPCBIV+		CPCBIV+	
Fuel Tank Capacity (Litre)	170		170		200	
Length (mm)	2800		2800		3300	
Width (mm)	1100		1100		1250	
Height (mm)	1660		1760		1935	
Weight (kg) #	1500		1650		2150	
Acoustic Insulation (Foam) Thickness (mm)	50		50		50	
Acoustic Insulation (Foam) Density (kg / m3)	15		15		15	
Model	4SP		497		697	
Rated Power (kW)	55		76		118	
Horse Power	74		103		160	
Performance class	ISO 8528		ISO 8528		ISO 8528	
Governing class	G3		G3		G3	
Displacement (cc)	2956		3784		5675	
Number of Cylinders	4		4		6	
Bore X Stroke	97 x 100		97 x 127		97 x 127	
Rated Speed (rpm)	1500		1500		1500	
Aspiration	Turbocharger Intercooler		Turbocharger Intercooler		Turbocharger Intercooler	
Ambient Temperature Range	-10 to 5 <sup>o</sup> eg C		-10 to 5 <sup>o</sup> eg C		-10 to 5 <sup>o</sup> eg C	
Fuel System	CRDI		CRDI		CRDI	
Lube oil change period	500		500		500	
Total lubrication system capacity (litre)	8.3		11.5		16	
Total coolant capacity including engine & radiator (litre)	12		16		23	
DEF Capacity (litre)	NA		25		25	
Starting system	12V		12V		12V	
Fuel	High Speed Diesel		High Speed Diesel		High Speed Diesel	
Lube oil	CK4 15W40		CK4 15W40		CK4 15W40	
Alternator make	Stamford/ Leroy Somer/ Crompton Greaves/ Mecc Alte (Single Bearing)					
Enclosure type	IP23		IP23		IP23	
Class of insulation	Class H		Class H		Class H	
Voltage regulation	+/-1%		+/-1%		+/-1%	
Maximum unbalanced load across phases	Up to 25%		Up to 25%		Up to 25%	
Controller Make & Model	Deep Sea Electronic DSE4520 MKII		Deep Sea Electronic DSE4520 MKII		Deep Sea Electronic DSE4520 MKII	
Controller Type	Microprocessor based		Microprocessor based		Microprocessor based	
Display Parameters	Run Time Hours, Current, Voltage, Engine RPM, Frequency, Engine Temperature, Fuel Pressure, Battery Voltage, Service Due Hours, kVA, PF, kW, kWh					
DG Protection	Low lube oil pressure, High coolant temperature, Battery High/Low Volts, Fail to Crank/Start, Sensor failure, Cranking lockout, Low fuel level, Over/Under Voltage, Over/Under Frequency, Overspeed, Over Current, kW Overload					
Telematics (RMS)	Not Applicable		Make: DATOM type: GPRS		Make: DATOM type: GPRS	
Battery (Ah)	110		130		130	

F\* Due to continuous product improvement dimensions and specification are subject to change without prior notice. \*

**Standard Scope Comprising of:** Diesel Engine, AC Generator (alternator), Radiator, Silencer, AVM's, Base Frame, Standard Control Panel with DG Set Controller, Wiring Harness, Sensors, RMS device (70 kVA and above only), Battery, Battery Cable, first fill of lube oil, coolant and DEF (Ad Blue).

**Fuel Efficiency:** MONA | TATA Motors Genset powered by TATA Motors engines, are most fuel-efficient engines and have lowest fuel consumption rates compared to other genset engines. This superior efficiency makes significant cost savings for users.

**User Friendly Design:** MONA | TATA Motors Genset, engineered by experienced professionals, properly arranged components and ergonomic design, facilitate easy operation & maintenance.

**Ease of Maintenance:** MONA | TATA Motors genset engines share similarities with engines used in TATA Motors' heavy commercial vehicles. Mechanics familiar with heavy vehicle engines can maintain & service these gensets easily. Additionally, advanced computer/mobile based diagnostic tools enable efficient troubleshooting, enhancing user friendliness.

**Extensive Service Support Network:** With over 100 authorized service support centres in Rajasthan, MONA | TATA Motors ensures comprehensive service coverage for MONA | TATA Motors Gensets. These centres operate round-the-clock, guaranteeing prompt assistance within 72 hours.

