Engine

- Powered by Cooper 2, 3, 4, & 6 Cylinder engines.
- Engine designed by Ricardo, UK.
- 4 valves per cylinder
- Naturally aspirated & Turbo charged version.
- Safety arrangement for water temp/oil pressure/over speed.
- Engine Option - 2 Cylinder CRDI available.
- Bed Plate Architecture
- Hydraulic Valve Lash Adjustors (No Tappet Setting Required)
- Auto Belt Tensioner

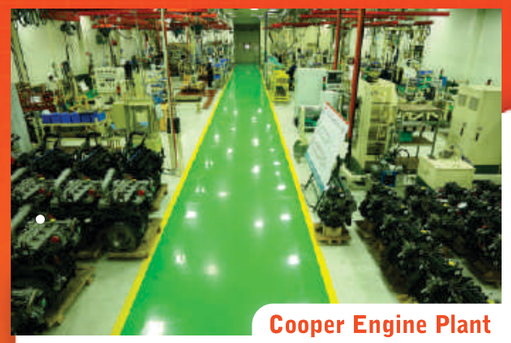
1922 - First Diesel Engine Made In India by Cooper

World Class Engines made in India & designed by Ricardo, UK.

Cooper Corporation Sales & Service network 100+ Sales & Service contact points

Acoustic Canopy

- AMF/ATS/Synchronisation Panel options available.
- Suitable for outdoor installation.
- Easy access and serviceability.
- Remote Monitoring System available



Cooper Engine Plant

OUR PRESTIGIOUS CLIENTS

All names, logos & brands featured are property of their respective owners.
Use of these names, logos & brands does not imply endorsement.

Cooper Corporation Pvt. Ltd.
NARIMAN HOUSE
M60-1, ADDL. MIDC,
Post Kodoli, Satara - 415004
Maharastra, India.
Tel.: +91 2162 240413, 240272
Fax: +91 2162 240271, 240023

Central Marketing Office
Office No. 301/A, 3rd Floor, City Bay,
Boat Club Road,
Pune - 411001
Maharashtra, India.
Tel/Fax : +91 020 26160624

Authorised Dealer

www.coopercorp.in
sales@coopercorp.in

CCPL/10/20

WORLD-CLASS GENERATORS

from India's oldest and reputed engine brand since 1922.
Cooper Gensets from 5 kVA to 250 kVA

cpcb II COMPLIANT

RUGGED | FUEL EFFICIENT | COMPACT | LOWEST NOISE | CPCB II &CE COMPLIANT | HIGH BLOCK LOAD BEARING CAPABILITY | EXPORTED GLOBALLY

Lowest fuel and lube oil consumption in its class

To Buy a Cooper DG SMS " Cooper" to 57575 | TOLL FREE NUMBER 1800 12000 4001

Genset Technical Specification

Genset Rating (kVA)	10	15	20	25	30	40	50	62.5	82.5	100	125	140	160	180	200	250
Power Rating (kW)	8	12	16	20	24	32	40	50	66	80	100	112	128	144	160	200
Current (Amps)	43.5/13.9	65.2/20.9	87/27.8	108.7/34.8	130.4/41.7	55.6	69.6	87	114.8	139.1	173.9	194.8	222.6	250.4	278.2	347.5
Phase	1/3	1/3	1/3	1/3	1/3	3	3	3	3	3	3	3	3	3	3	3
Power Factor	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
Canopy Dimension (mm) (LxWxH)		1777x827x1048		1950x950x1379	1950x950x1379		2750x1100x1503		2750x1100x1604	3225X1100X1568		4051x1400x1750				4548x1600x1549
Canopy Dimension (mm) (LxWxH) with Silencer	1777x826x1398	1777x827x1424	1777x827x1424	1950x950x1681	1950x950x1681	1950x950x1681	2750x1100x1962	2750x1100x1962	2750x1100x2064	3225X1100X2035		4051x1400x2300	4051x1400x2300			4548x1600x2395 (including top duct)

Cooper Engine Specifications

Engine Model	2A1D1C10.3CW	2A2D1C18.8IW	2A2D1C18.8IW	2A5D1A31.4CW	2A5D1A31.4CW	2A5D1A34.5CW	3B5D1C62IW	3B5D1C62IW	3B5D1C85RW	4B5D1C100RW	4B5D1C113RW	6B5D1C150RW	6B5D1C170RW	6B5D1C170RW	6B5D1C190RW	6G5D1C228IW
Rated Power in kW (hp)	10.3 (14)	18.8 (25.6)	18.8(25.6)	31.4(42.7)	31.4(42.7)	34.5(46.2)	62(84.23)	62(84.23)	85(115.6)	100(135.9)	113(153.5)	150(203.8)	170(231)		190(258)	228(309.8)
Aspiration	NA	TCIC		TCIC			TCIC			TCIC		TCIC				
Cooling Systems	Liquid Cooled			Liquid Cooled			Liquid Cooled			Liquid Cooled		Liquid Cooled				
Starting Systems	12 Volt Electrical			12 Volt Electrical			12 Volt Electrical			12 Volt Electrical		24 Volt Electrical				
Governing	Electronic(CRDI)/Mechanical			Electronic(CRDI)/Mechanical			Mechanical			Mechanical		Mechanical				Electronic
No of Cylinders	2			2			3			4		6				6
Bore X Stroke (mm)	87X100			87X100			107X126			107X126		107X126				107X145
Displacement (Liters)	1.2			1.2			3.4			4.5		6.8				7.8
Fuel Cons. @ 75% load *	2.21	2.9	3.8	5.3	6.05	8.2	10.2	10.5	13.75	16.9	20.8	22.85	26.6	28.8	32	40.9
Engine Speed (rpm)	1500			3000			1500			1500		1500				1500
Compression Ratio	19:01	19.5:1	19.5:1	17:5:1			17:5:1			17:5:1		17:5:1				16:5:1
Fuel Tank Capacity (Liters)	75			75			200			300		300				456
Lube Oil Specifications	15W40CI4+			15W40CI4+			15W40CI4+			15W40CI4+		15W40CI4+				15W40CI4+
Lube Oil Capacity (Liters)	4.5			4.5			6.5			8.5		11				13.7
Lube Oil Consumption (Lit/hr)				<0.1%												
Total Coolant Capacity (Litrs)	5.8			5.8	5.8	6.2		14	16.2	17.8		22.8				30
Genset Dry Weight (kgs)	670	710	710	750	770	800	1700	1750	1800	2150	2200	2670	2670	2670	2700	2830

Alternator Specifications

Type	Brushless			Brushless			Brushless			Brushless		Brushless				
Voltage	230/415			230/415		415	415			415		415				
Speed / Frequency	1500RPM/50HZ			3000RPM/50HZ			1500RPM/50HZ			1500RPM/50HZ		1500RPM/50HZ				
Voltage Regulation	+/-1%			+/-1%			+/-1%			+/-1%		+/-1%				
Enclosure	IP23			IP23			IP23			IP23		IP23				
Class of Insulation	Class H			Class H			Class H			Class H		Class H				

Genset Controller

- Microprocessor Based
- AMF Logic
- Digital Display

Alternator

- Option of Space Heater
- Best in class transient recovery time
- Great Efficiency level for the complete range
- Fully programmable digital AVR

- Save Fuel
- Control Pollution
- Save Nation

Note: Due to continuous improvement the specifications given above are subject to change without prior intimation.
All the Genset specifications conform to ISO 8528 standard
**Based on ISO3046 reference conditions with diesel fuel specific gravity of 0.85 and with a tolerance of +/- 5% at standard NTP operating conditions.*