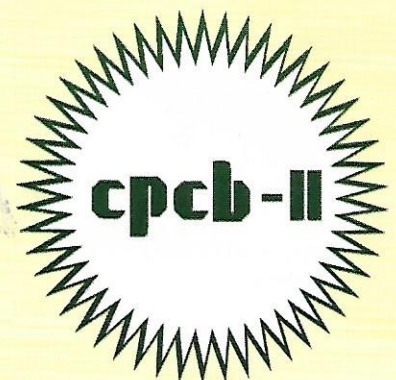




WORLD CLASS GENERATORS

Cooper Gensets From 10kva To 250kva



Gensets (10KVA-40KVA) with 2 Cylinder Engine

Genset Model	CDH100101D22 CDH100103D22	CDH100151D22 CDH100153D22	CDH100201D22 CDH100203D22	CDG100251D21 CDG100253D21	CDG100301D21 CDG100303D21	CDG100403D21
Power Rating (kVA)	10	15	20	25	30	40
Power Rating(KW)	8	12	16	20	24	32
Current(Amperes)	43.5/13.9	65.2/20.9	87/27.8	108.7/34.8	130.4/41.7	55.6
No. of Phases	1/3			3		
Power Factor	0.8			0.8		
Canopy Dimensions (L X W X H) in mm	1775 X 826 X 1499			1950 X 950 X 1683		
Engine Model	2A1D1C10.3CW	2A2D1C16.1CW	2A2D1C18.8CW	2A5D1A31.4CW	2A5D1A31.4CW	2A5D1A34.5CW
Rated Power kW (HP)	10.3(14)	16.1(22)	18.8(25.6)	31.4(42.7)	31.4(42.7)	34.5(47)
Aspiration	NA	TCIC		TCIC		
Cooling System	Liquid Cooled			Liquid Cooled	Liquid Cooled	Liquid Cooled
Starting System	12 Volt Electrical			12 Volt Electrical		
Governor	Electronic (CRDI)			Electronic (CRDI)		
No. of Cylinders	2			2		
Bore X Stroke (mm)	87 X 100			87 X 100		
Displacement (Litres)	1.189			1.189		
Engine Speed (rpm)	1500			3000		
Compression ratio	19:01	17.5:1	17.5:1	17.5:1		
Fuel tank Capacity	75			75		
Lube Oil Specifications (Litres)	15W40 CI4+			15W40 CI4+		
Lube Oil Capacity (Litres)	4.5			4.5		
Total Coolant Capacity (Litres)	5.5			5.5		
Alternator Specifications						
Type	Brushless			Brushless		
Voltage	230/415			230/415	415	
Speed/Frequency	1500 RPM/50HZ			3000 RPM/50HZ		
Voltage Regulation	+/-1%			+/-1%		
Class of Insulation	Class H			Class H		
Enclosure	IP23			IP23		
Genset Dry Weight (kg)	670	685	710	750	770	800



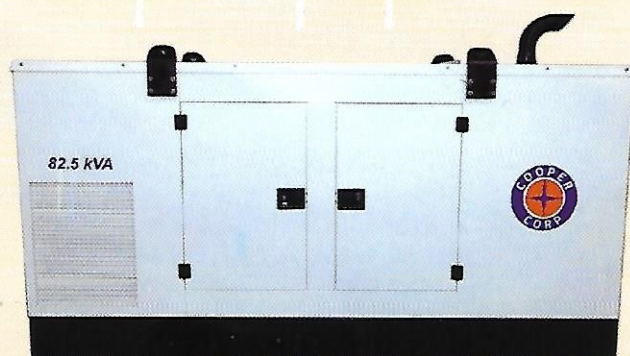
Cooper Corporation Pvt. Ltd.

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M60-1, ADDL. MIDC,
Post Kodoli, Satara - 415004
Maharashtra, India.
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Fax: +91 2162 240271, 240023



Gensets (50KVA- 250KVA) with 3,4 & 6 Cylinder Engine

Genset Model	CDG100503D21	CDG162.53D21	CDG182.53D21	CDG101003D21	CDG101253D21	CDG101403D21	CDG101603D21	CDG101803D21	CDG102003D21	CDG102503D2
Power Rating (kVA)	50	62.5	82.5	100	125	140	160	180	200	250
Power Rating(KW)	40	50	66	80	100	112	128	144	160	200
Current(Amperes)	69.6	87	114.8	139.1	173.9	194.8	222.6	250.4	278.2	347.5
No. of Phases	3			3			3			
Power Factor	0.8			0.8			0.8			
Canopy Dimensions (L x W x H) in mm	3050x1100x1604			3226x1126x1720			4302x1400x1913			4500x1700x1900
Engine Model	3B5D1C75RW	3B5D1C75RW	3B5D1C85RW	4B5DD1C100RW	4B5D1C113RW	6B5D1C150RW	6B5D1C170RW	6B5D1C170RW	6B5D1C190RW	665D1C-228IW
Rated Power kW (HP)	75(102)		85(115.6)	100(136)	113(154)	150(204)	170(231)	170(231)	190(258)	228(310)
Aspiration	TCIC			TCIC			TCIC			
Cooling System	Liquid Cooled			Liquid Cooled			Liquid Cooled			
Starting System	12V Electrical			24 V Electrical			24 V Electrical			
Governor	Mechanical			Mechanical			Mechanical			
No. of Cylinder	3			4			6			
Bore X Stroke (mm)	107 X 126			107 X 126			107 X 145			
Displacement (Litres)	3.4			4.5			6.8			7.8
Engine Speed (rpm)	1500			1500			1500			
Compression ratio	17.5:1			17.5:1			17.5:1			16.5:1
Fuel tank Capacity (Litres)	200			300			300			375
Lube Oil Specifications	15W40 CI4+			15W40 CI4+						
Lube Oil Capacity (Litres)	6			8			11			13
Total Coolant Capacity (Litres)	14		16	17		22			28	
Alternator Specifications										
Type	Brushless			Brushless			Brushless			
Voltage	415			415			415			
Speed/Frequency	1500 RPM/50HZ			1500 RPM/50 HZ			1500 RPM/50 HZ			
Voltage Regulation	+/-1%			+/-1%			+/-1%			
Class of Insulation	Class H			Class H			Class H			
Enclosure	IP23			IP23			IP23			
Genset Dry Weight(kg)	1700	1750	1800	2150	2200	2670	2670	2670	2700	2980



Note:- Due to continuous developments & improvements, the specifications and details are subject to change without prior notice.



1922 - First Diesel Engine
Made In India by Cooper



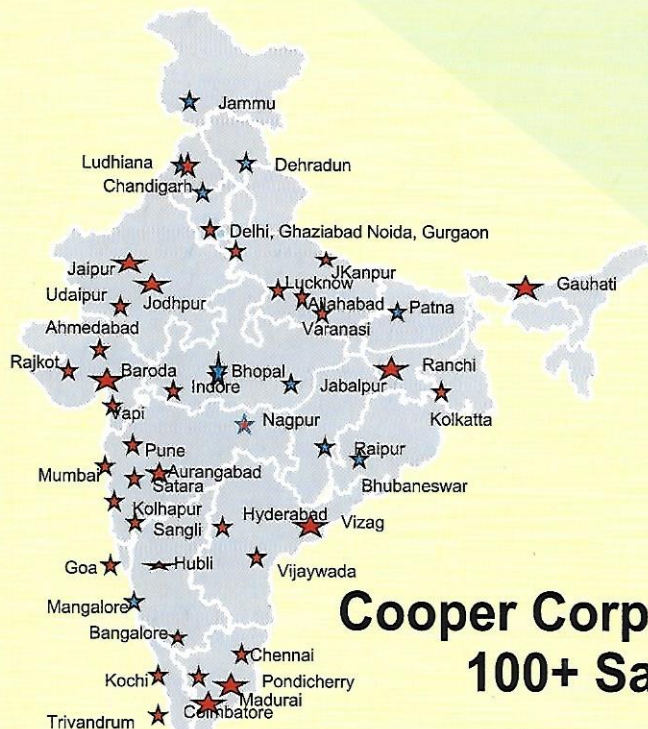
Now - World class 2 Cylinder,
CRDI liquid cooled engine
Made in India by Cooper.
Designed by Ricardo, UK.

Engine

- Powered by Cooper 2, 3, 4, & 6 Cylinder engines.
- Engine designed by Ricardo, UK.
- Electronic Engine management system.
- Common Rail Direct Injection (CRDI) For 2 Cylinder version.
- In line, 4 stroke, liquid cooled.
- 4 valves per cylinder.
- Naturally aspirated & Turbo charged versions.
- Safety arrangement for water temp / oil pressure / over speed
- Lowest fuel and lube oil consumption in its class.
- Compliance with emission regulations (EURO IV, US EPA Tier IV interim compliant).

Acoustic Canopy

- Suitable for outdoor installation.
- Easy access and serviceability, integral fuel tank & silencer.



**Cooper Corporation Sales & Service Network :
100+ Sales & Service contact points**



Cooper Engine Plant

Cooper Corporation Pvt. Ltd.

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