



1922: First diesel engine made in India by Cooper



Now: World-class engines designed in UK and indigenously made in India!

ENGINE

- Powered by Cooper 2, 3, 4 and 6-Cylinder engines
- In-line, 4-stroke, liquid cooled
- 4 valves per cylinder
- Naturally aspirated and turbo charged versions
- Safety arrangement for water temp/oil pressure/over speed
- Lowest fuel and lube oil consumption in its class
- Engine Option – 2-Cylinder CRDi version available



ACOUSTIC CANOPY

- Suitable for outdoor installation • Easy access and serviceability, integral fuel tank and silencer
- AMF/ATS/Auto Synchronisation options available



Our Global Sales and Service Network



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ENGINE FOR THE FUTURE

WORLD-CLASS GENERATORS

Smart DG Sets 10-250 kVA



SAVE UPTO
30%
ON FUEL COSTS

COOPER. ALWAYS AHEAD.

Lowest fuel & lube oil
consumption in its class

GENSET SPECIFICATIONS

Genset Rating (kVA)	10	15	20	30	40	50	62.5	82.5	100	125	140	160	180	200	250
Power Rating (KW)	8	12	16	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	41.7	55.6	69.6	87	114.7	139.1	173.9	194.8	222.6	250.4	278.2	347.5
Phase	1/3	1/3	1/3	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
Canopy Dimension (LxWxH)	1777x826x1395	1175x828x1400	2255x1100x1500	2255x1100x1500	2750x1100x1604	2750x1100x1604	3500x1100x1700	4302x1460x1913	4300x1460x2450						

Engine Specifications

Engine Model	2A1DC10.3CW	2A2D1C16.21W	2A2D1C-18.81W	3B3D1C-40RW	3B3D1C-40RW	3B2D1C75RW	3B2D1C75RW	3B2D1C85RW	4B2D1C100RW	4B2D1C113RW	6B2D1C150RW	6B2D1C170RW	6B2D1C170RW	6B2D1C190RW	6G2D1C2281W	
Rated Power in kW (hp)	10.3(14)	16(22)	18.8(25.6)	40(54)	40(54)	62(85)	62(85)	85(115.6)	100(136)	113(154)	150(204)	170(231)	170(231)	190(258)	228(310)	
Aspiration	NA	TCIC	TCIC	TC	TC	TCIC	TCIC	TCIC	TCIC	TCIC	TCIC	TCIC	TCIC	TCIC	TCIC	
Cooling System				Liquid Cooled						Liquid Cooled						
Starting System				12 V Electrical			12 V Electrical			24 V Electrical						
Governing				Mechanical						Mechanical						Electronic
No. of Cylinders	2	2	2	3	3	3	3	3	4	4	6	6	6	6	6	
BoreStroke (mm)	87x100	87x100	87x100	107x126	107x126	107x126	107x126	107x126	107x126	107x126	107x126	107x126	107x126	107x126	107x145	
Displacement (Liters)	1.189	1.189	1.189	3.4	3.4	3.4	3.4	3.4	4.5	4.5	6.8	6.8	6.8	6.8	7.8	
Engine Speed (RPM)	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	
Compression Ratio	19:1	17.5:1	17.5:1	17.5:1	17.5:1	17.5:1	17.5:1	17.5:1	17.5:1	17.5:1	17.5:1	17.5:1	17.5:1	17.5:1	17.5:1	
Fuel Tank Capacity (Liters)	75	75	75	200	200	200	200	200	300	300	300	300	300	300	375	
Lube Oil Specifications	15W40 Ci4+	15W40 Ci4+	15W40 Ci4+	15W40 Ci4+	15W40 Ci4+	15W40 Ci4+	15W40 Ci4+	15W40 Ci4+	15W40 Ci4+	15W40 Ci4+	15W40 Ci4+	15W40 Ci4+	15W40 Ci4+	15W40 Ci4+	15W40 Ci4+	
Lube Oil Capacity (Liters)	4.5	4.5	4.5	6	6	6	6	6	8	8	11	11	11	11	13	
Total Coolant Capacity (Liters)	5.5	5.5	5.5	14	14	14	14	16	17	17	22	22	22	22	28	
Genset Dry Weight (kgs)	670	710	710	1700	1700	1700	1750	1800	2150	2200	2670	2670	2670	2700	2830	

Genset Model also Available in 1800RPM/60Hz

Alternator Specifications

Type	Brushless	Brushless	Brushless
Voltage	230/415V	415V	415V
Speed/Frequency	1500RPM/50Hz	1500RPM/50Hz	1500RPM/50Hz
Voltage Regulation	+/-1%	+/-1%	+/-1%
Enclosure	IP 23	IP 23	IP 23
Class of Insulation	Class H	Class H	Class H



Disclaimer: Product improvement is a continuous process. Specifications and dimensions are subject to change without any notice.