

Genset Rating (KVA)	3.5	5	10
Power Rating(Kw)	2.8	4	8
Current (Amps)	15.2	21.7	43.5/13.9
Phase	1	1	1 and 3
Power Factor	0.8	0.8	0.8
Conopy Dimension(mm)(LxWxH)			
Conopy Dimension (mm) (LxWxH) With Silencer	1100x733x955	1100x733x955	1900x825x1048
Genset Dry Weight (Kgs)	255	255	670
Cooper Engine Specifications			
Engine Model	1E7D1A6.9UA	1E7D1A6.9UA	2A1DC10.3IW
Rated Power in Kw (hp)	6.95(9.5)	6.95(9.5)	10.3(14)
Aspiration	N/A	N/A	N/A
Cooling Systems	AIR COOLED	AIR COOLED	Liquid Cooled
Starting Systems	12 V	12 V	12 Volt Electrical
Governing	G2	G2	Mechanical
No of Cylinders	1	1	2
Bore X Stoke (mm)	87x72	87x72	87x100
Displacament (Liters)	0.428	0.428	1.2
Fule Cons @75% Load	1	1.2	2.21
Engine Speed (rpm)	3000	3000	1500
Compression Ratio	20.1	20.1	19.5:1
Fule Tank Capacity (Liters)	13	13	75
Lube Oil Specifications	15W40C14+	15W40C14+	15W40C14+
Lube Oil Sump Capacity (Liters)	1.5	1.5	4.5
Lube Oil Consumption (lit/hr)	0.01%	0.01%	0.01%
Total Coolant Capacity (Liters)			5.8
Alternator Specifications			
Type			Brushless
Voltage	230	230	230/415
Speed/ Frequency	3000 RPM/50 HZ	3000 RPM/50 HZ	1500RPM/50HZ
Voltage Regulation	(+/-1%)	(+/-1%)	(+/-1%)
Enclosure	IP23	IP23	IP23
Class of Insulation	Class H	Class H	Class H

15	20	25	30	40
12	16	20	24	32
65.2/20.9	87/27.8	108.7/34.8	130.4/41.7	55.6
1 and 3	1 and 3	1 and 3	1 and 3	3
0.8	0.8	0.8	0.8	0.8
1777x827x1048	1777x827x1048			1950x950x1380
1777x827x1424	1777x827x1424	1950x950x1301	1950x950x1301	1950x950x1681
710	710	750	750	800
2A2D1C18.8IW	2A2D1C18.8IW	2A5D1A37.5IW	2A5D1A37.5IW	2A5D1A34.5CW
18.8(25.6)	18.8(25.6)	37(50.2)	37(50.2)	34.5(46.2)
TCIC	TCIC	TCIC	TCIC	TCIC
Liquid Cooled	Liquid Cooled	Liquid Cooled	Liquid Cooled	Liquid Cooled
12 Volt Electrical	12 Volt Electrical	12 Volt Electrical	12 Volt Electrical	12 Volt Electrical
Mechanical	Mechanical	Mechanical	Mechanical	Electronic
2	2	2	2	2
87x100	87x100	87x100	87x100	87x100
1.2	1.2	1.2	1.2	1.2
2.9	3.8	5.3	6.05	8.2
1500	1500	3000	3000	3000
19.5:1	19.5:1	18.5:1	18.5:1	17.5:1
75	75	75	75	75
15W40C14+	15W40C14+	15W40C14+	15W40C14+	15W40C14+
4.5	4.5	4.5	4.5	4.5
0.01%	0.01%	0.01%	0.01%	0.01%
5.8	5.8	6.2	6.2	6.2
Brushless	Brushless	Brushless	Brushless	Brushless
230/415	230/415	230/415	230/415	415
1500RPM/50HZ	1500RPM/50HZ	3000 RPM/50 HZ	3000 RPM/50 HZ	3000 RPM/50 HZ
(+/-1%)	(+/-1%)	(+/-1%)	(+/-1%)	(+/-1%)
IP23	IP23	IP23	IP23	IP23
Class H	Class H	Class H	Class H	Class H

50	62.5	82.5	100	125
40	50	66	80	100
69.6	87	114.8	139.1	173.9
3	3	3	3	3
0.8	0.8	0.8	0.8	0.8
2750x1080x1503	2750x1080x1503	2750x1100x1604	3225x1100x1568	3225x1100x1568
2750x1080x1967	2750x1080x1967	2750x1100x2064	3225x1100x2035	3225x1100x2035
1750	1750	1800	2150	2200
3B5D1C62IW	3B5D1C62IW	3B5D1C85RW	4B5D1C100RW	4BD1C113RW
62(84.23)	62(84.23)	85(115.6)	100(135.9)	113(153.5)
TCIC	TCIC	TCIC	TCIC	TCIC
Liquid Cooled	Liquid Cooled	Liquid Cooled	Liquid Cooled	Liquid Cooled
12 Volt Electrical	12 Volt Electrical	12 Volt Electrical	12 Volt Electrical	12 Volt Electrical
Mechanical	Mechanical	Mechanical	Mechanical	Mechanical
3	3	3	4	4
107x126	107x126	107x126	107x126	107x126
3.4	3.4	3.4	4.5	4.5
10.2	10.5	13.75	16.9	20.8
1500	1500	1500	1500	1500
17.5:1	17.5:1	17.5:1	17.5:1	17.5:1
200	200	200	300	300
15W40C14+	15W40C14+	15W40C14+	15W40C14+	15W40C14+
6.0.	6.0.	6.0.	8.0.	8.0.
0.01%	0.01%	0.01%	0.01%	0.01%
14	14	16.2	17.8	17.8
Brushless	Brushless	Brushless	Brushless	Brushless
415	415	415	415	415
1500RPM/50HZ	1500RPM/50HZ	1500RPM/50HZ	1500RPM/50HZ	1500RPM/50HZ
(+/-1%)	(+/-1%)	(+/-1%)	(+/-1%)	(+/-1%)
IP23	IP24	IP25	IP26	IP27
Class H	Class H	Class H	Class H	Class H

140	160	180	200	250
112	128	144	160	200
194.8	222.6	250.4	278.2	347.5
3	3	3	3	3
0.8	0.8	0.8	0.8	0.8
4051x1400x1750	4051x1400x1750	4051x1400x1750	4051x1400x1750	4548x1600x1750
4051x1400x2300	4051x1400x2300	4051x1400x2300	4051x1400x2300	(including top duct)
2670	2670	2670	2700	2830
6B5D1C150RW	6B5D1C170RW	6B5D1C170RW	6B5D1C190RW	6G5D1C228IW
150(203.8)	170(231)	170(231)	190(258)	228(309.8)
TCIC	TCIC	TCIC	TCIC	TCIC
Liquid Cooled	Liquid Cooled	Liquid Cooled	Liquid Cooled	Liquid Cooled
24 Volt Electrical	24 Volt Electrical	24 Volt Electrical	24 Volt Electrical	24 Volt Electrical
Mechanical	Mechanical	Mechanical	Mechanical	Mechanical
6	6	6	6	6
107x126	107x126	107x126	107x126	107x145
6.8	6.8	6.8	6.8	7.8
22.85	26.6	28.8	32	40.9
1500	1500	1500	1500	1500
17.5:1	17.5:1	17.5:1	17.5:1	16.5:1
300	300	300	300	456
15W40C14+	15W40C14+	15W40C14+	15W40C14+	15W40C14+
11	11	11	11	13
0.01%	0.01%	0.01%	0.01%	0.01%
22.8	22.8	22.8	22.8	30
Brushless	Brushless	Brushless	Brushless	Brushless
415	415	415	415	415
1500RPM/50HZ	1500RPM/50HZ	1500RPM/50HZ	1500RPM/50HZ	1500RPM/50HZ
(+/-1%)	(+/-1%)	(+/-1%)	(+/-1%)	(+/-1%)
IP28	IP29	IP30	IP31	IP32
Class H	Class H	Class H	Class H	Class H