

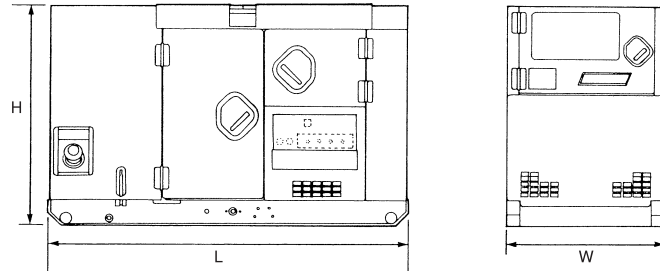
# Diesel Generator



## DCA25 DCA45 DCA125



### Dimension



### Specifications

M O D E L			DCA-25SPK-DA	DCA-25ESK	DCA-45SPI	DCA-60SPI	DCA-60ESH
Alternator	Frequency	Hz	50				
	Output rating	kVA	20	20	37	50	50
		kVA	22	22	38.85	55	55
	No. of phase		3-Phase, 4-Wire				
	Rated voltage	V	Single Voltage System Line 190~215(220)or 380~430(440)	Single Voltage (190~220V)	Single Voltage System Line 190~215(220)or380~430(440)		Single Voltage (Dual Voltage is an option) {190~220V(380~440V)}
Power factor		0.8(Lagging)					
Engine	Voltage regulation	%	Within ± 1.5				
	Excitation		Blushless, Rotating Exciter(With A.V.R.)				
Engine	Maker & Model		Kubota V2203-KB	Kubota V2203-KB	Isuzu 4BD1	Isuzu 6BD1	Hino W04D-TG
	Type		Inlined, Swirl Chambered	Inlined, Swirl Chambered	Inlined, Direct Injection	Inlined, Direct Injection	Inlined, Direct Injected
	Output rating	PS/rpm	32.2	25	46.5	64	66
		kW/min-1	23.7	18.4	34.2	47.07	48.5
	No. of Cylinder-Bore × Stroke	mm	4-87 × 92.4	4-87×92.4	40-102 × 118	6-102 × 118	4-104×118
	Piston displacement	l	2,197	2,197	3,856	5,785	4,009
	Fuel consumption	l/h	5.2	3.9	6.5	9.4	8.8
	Lube oil sump capacity	l	7.6	7.6	14	21	16.5
	Coolant capacity	l	7.9	7.9	24	26	12.2
	Battery capacity	V-Ah	12-70 × 1	80D26R×1	12-100 × 2	12-100 × 2	80D26R×2
Fuel tank capacity	l	62	62	100	125	125	
Unit	Dimensions (L×W×H)	mm	1,580 × 650 × 900	1,540×650×900	2,000 × 880 × 1,250	2,420 × 880 × 1,250	2,050×880×1,250
	Weight	kg	670	664	1,340	1,410	1,380
Sound Level	7m/dB(A)1500rpm/min		65	62	64	65	61

M O D E L			DCA-90SPH	DCA-100ESI	DCA-125SPM	DCA-125SPK3
Alternator	Frequency	Hz	50			
	Output rating	kVA	75	80	100	100
		kVA	82.5	88	110	110
	No. of phase		3-Phase, 4-Wire			
	Rated voltage	V	Single Voltage System Line 190~215(220)or 380~430(440)	Dual Voltage (190~220V,380~440V)	Single Voltage System Line 190~215(220)or 380~430(440)	Dual Voltage (190~220V,380~440V)
Power factor		0.8(Lagging)				
Engine	Voltage regulation	%	Within ± 1.5			
	Excitation		Blushless, Rotating Exciter(With A.V.R.)			
Engine	Maker & Model		Hino H07D	Isuzu DD-6BG1T	Mitsubishi 6D16-T	Komatsu SA6D102E-1-A
	Type		Inlined, Direct Injection	Inlined, Direct Injected, Turbocharged	Inlined, Direct Injection Turbocharged	Inlined, Direct Injected, Turbocharged, Aftercooled
	Output rating	PS/rpm	95	100	145	133
		kW/min-1	69.87	73.6	106.65	97.8
	No. of Cylinder-Bore × Stroke	mm	6-110 × 130	6-105×125	6-118 × 115	6-102×120
	Piston displacement	l	7,412	6,494	7,545	5,880
	Fuel consumption	l/h	12.3	13.5	16.3	15.5
	Lube oil sump capacity	l	22.5	22.4	13.5	22
	Coolant capacity	l	20	22	29	23.9
	Battery capacity	V-Ah	12-70 × 2	95D31R×2	12-20 × 2	95E41R×2
Fuel tank capacity	l	185	225	250	250	
Unit	Dimensions (L×W×H)	mm	2,900 × 1,050 × 1,400	2,750×1,050×1,350	3,100×1,080×1,500	3,000×1,080×1,500
	Weight	kg	2,230	1,970	2,560	2,390
Sound Level	7m/dB(A)1500rpm/min		63	59	63	63

# Diesel Generator

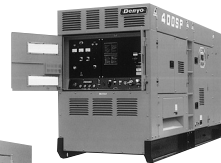
DCA150 DCA220 DCA400 DCA600 DCA800 DCA1100



DCA150

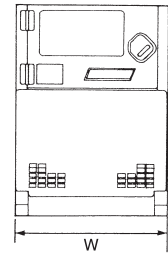
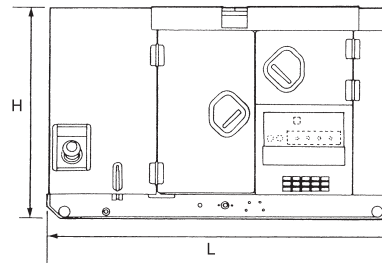


DCA220



DCA400

## Dimension



## Specifications

M A K E		Denyo					
M O D E L		DCA-150SPK	DCA-180SPK3	DCA-220SPK II	DCA-220ESM	DCA-220SPK3	
Alternator	Frequency	50					
	Output rating	kVA	125	150	200	200	200
		kVA	137.5	165	220	220	220
	No. of phase	3-Phase, 4-Wire					
	Rated voltage	V	Dual Voltage System Line to Line 190~125(220)or380~430(440)	Dual Voltage(190~ 220V,380~440V)	Dual Voltage System Line to Line 190~125(220)or380~430(440)	Dual Voltage(190~ 220V,380~440V)	Dual Voltage(190~ 220V,380~440V)
	Power factor	0.8(Lagging)					
	Voltage regulation	%	Within $\pm 1.0$				
Excitation	Brushless, Rotating Exciter(With A.V.R.)						
Engine	Maker & Model	Komatsu S6D108	Komatsu SA6D108E-2-A	Komatsu S6D125	Mitsubishi 6D24-TLE2B	Komatsu S6D125E-2-A	
	Type	Inlined, Direct Injected Turbocharged	Inlined, Direct Injected, Turbocharged, Aftercooled	Inlined, Direct Injected Turbocharged	Inlined, Direct Injected, Turbocharged, Aftercooled	Inlined, Direct Injected, Turbocharged	
	Output rating	PS/rpm	153	185	242	246	242
		kW/min <sup>-1</sup>	112.53	136	178	181	178
	No. of Cylinder-Bore $\times$ Stroke	mm	6-108 $\times$ 130	6-108 $\times$ 130	6-125 $\times$ 150	6-130 $\times$ 150	6-125 $\times$ 150
	Piston displacement	l	7.150	7.150	11.040	11.940	11.040
	Fuel consumption	l/h	19.5	22.4	29.4	33.7	31.5
	Lube oil sump capacity	l	25	31	40	37	42
	Coolant capacity	l	28	30.4	34	42	36
	Battery capacity	V-Ah	12-120 $\times$ 2	115F51 $\times$ 2	12-150 $\times$ 2	145G51 $\times$ 2	145G51 $\times$ 2
	Fuel tank capacity	l	250	300	380	380	380
Unit	Dimensions (L $\times$ W $\times$ H)	mm	3,350 $\times$ 1,200 $\times$ 1,500	3,300 $\times$ 1,200 $\times$ 1,500	3,650 $\times$ 1,300 $\times$ 1,750	3,700 $\times$ 1,300 $\times$ 1,750	3,650 $\times$ 1,300 $\times$ 1,750
	Weight	kg	3,050	3,240	4,070	4,050	4,070
Sound Level	7m/dB(A)1500rpm/min	67	63	64	61	63	

M A K E		Denyo						
M O D E L		DCA-300SPK II	DCA-400SPK II	DCA-600SPK	DCA-610SPM	DCA-800SPK	DCA-1100SPM	
Alternator	Frequency	50						
	Output rating	kVA	270	350	550	554	700	1,000
		kVA	297	385	605	554	770	1,100
	No. of phase	3-Phase, 4-Wire						
	Rated voltage	V	Dual Voltage System Line to Line 190~125(220)or380~430(440)	Dual Voltage System Line to Line 190~125(220)or380~430(440)	Dual Voltage(190~ 220V,380~440V)	Dual Voltage(190~ 220V,380~440V)	Dual Voltage(190~ 220V,380~440V)	Single Voltage (380~440V)
	Power factor	0.8(Lagging)						
	Voltage regulation	%	Within $\pm 1.0$					Within $\pm 0.5$
Excitation	Brushless, Rotating Exciter(With A.V.R.)							
Engine	Maker & Model	Komatsu SA6D125	Komatsu SA6D140-A	Komatsu SA6D170A	Mitsubishi S6R-PTA	Komatsu SA12V140	Mitsubishi S12H-PTA	
	Type	Inlined, Direct Injected Turbocharged, Aftercooled	Inlined, Direct Injected Turbocharged, Aftercooled	Inlined, Direct Injected, Turbocharged, Aftercooled	Inlined, Direct Injected, Turbocharged, Aftercooled	V12 Direct Injected, Turbocharged, Aftercooled	V12 Direct Injected, Turbocharged, Aftercooled	
	Output rating	PS/rpm	316	421	639	762	834	1,209.2/1,500
		kW/min <sup>-1</sup>	232	310	470	517	613	890/1,500
	No. of Cylinder-Bore $\times$ Stroke	mm	6-125 $\times$ 150	6-140 $\times$ 165	6-170 $\times$ 170	6-170 $\times$ 180	12-140 $\times$ 165	12-150 $\times$ 175
	Piston displacement	l	11.040	15.240	23.150	24.500	30.480	37.110
	Fuel consumption	l/h	40.3	52.0	81.8	82	102	154
	Lube oil sump capacity	l	62	74	119	92	151	200
	Coolant capacity	l	35	64	112	118	170	244
	Battery capacity	V-Ah	12-150 $\times$ 2	12-200 $\times$ 2	190H52 $\times$ 2	190H52 $\times$ 2	190H52 $\times$ 4	190H52 $\times$ 4
	Fuel tank capacity	l	490	490	490	490	490	800
Unit	Dimensions (L $\times$ W $\times$ H)	mm	3,750 $\times$ 1,400 $\times$ 1,800	4,200 $\times$ 1,400 $\times$ 2,100	5,480 $\times$ 1,650 $\times$ 2,400	5,280 $\times$ 1,650 $\times$ 2,400	6,110 $\times$ 1,950 $\times$ 2,500	6,610 $\times$ 2,350 $\times$ 2,950
	Weight	kg	4,680	6,000	9,780	9,440	12,000	14,500
Sound Level	7m/dB(A)1500rpm/min	69	68	67	69	70	72	