

SPECIFICATION TABLE(600kVA~1100kVA CLASS SOUNDPROOF TYPE)

MODEL	DCA-600SPV	DCA-600SPK	DCA-610SPM	DCA-800SPK	DCA-800SPM	DCA-1100SPM	DCA-1100SPC									
ALTERNATOR																
Frequency	Hz	50	60	50	60	50	60	50	60	50	60	50	60	50	60	
Output Rating(kVA)	Continuous	550	600	550	600	554	610	700	800	700	800	1000	1100	1000	1100	
	Standby	605	660	605	660	554	610	770	880	770	880	1100	1210	1100	1210	
No. of Phases		3-Phase, 4-Wire														
Rated Voltage*1	V	② Dual Voltage						③ Single Voltage								
Power Factor		0.8 (Lagging)														
Voltage Regulation	%	Within ±0.5														
Excitation		Brushless, Rotating Exciter (With A.V.R.)														
Insulation		Class F										Class H				

ENGINE

Make&Model		VOLVO TAD1642GE	Komatsu SA6D170A	Mitsubishi S6R-PTA	Komatsu SA12V140	Mitsubishi S12A2-PTA	Mitsubishi S12H-PTA	Cummins QST30-G4							
Type		Inlined Direct Injected Turbocharged, Aftercooled				V12 Direct Injected Turbocharged, Aftercooled									
Output Rating	PS/rpm	659/1500	723/1800	639/1500	698/1800	762/1500	768/1800	834/1500	1000/1800	830/1500	920/1800	1209.2/1500	1292.5/1800	1196/1500	1369/1800
	kW/min ⁻¹	485/1500	532/1800	470/1500	513/1800	517/1500	565/1800	613/1500	736/1800	610/1500	677/1800	890/1500	950/1800	880/1500	1007/1800
No. of Cylinders-Bore×Stroke	mm	6-144×165		6-170×170		6-170×180		12-140×165		12-150×160		12-150×175		12-140×165	
Piston Displacement	L	16.120		23.150		24.500		30.480		33.93		37.110		30.48	
Fuel		ASTM No. 2 Diesel Fuel or Equivalent													
Fuel Consumption*2	L/h	81.2	91.7	81.8	93.7	82.0	96.4	102	120	103	125	154	180	144	167
Lube Oil Sump Capacity	L	93		119		92		151		120		200		154	
Coolant Capacity	L	48		112		118		170		205		244		234	
Battery×Quantity		190H52×2						190H52×4							
Fuel Tank Capacity	L	490						800							

UNIT

Dimensions	Length mm	5180(4700)*3	5580(5100)*3	5280(4800)*3	6110(5500)*3	6210(5600)*3	6610(6000)*3	6610(6000)*3
	Width mm	1650	1650	1650	1950	1950	2350	2200
	Height mm	2400	2400	2400	2500	2500	2950	2790
Dry Weight	kg	7535	8860	8700	11200	11350	14500	12700

SOUND LEVEL

7m dB (A) 1500/1800 rpm (min ⁻¹)*4	72	75	67	71	69	72	70	72	67	69	72	74	71	75
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*1 Rated Voltage Classification	*5	
Frequency	50Hz	60Hz
②	190~220V 380~440V	190~240V 380~480V
③	380~440V	380~480V

() indicates options.

- *2 Fuel consumption is based on operation at 75% load.
- *3 Shown unit lengths are with visor. (without visor)
- *4 Sound level reflects high-speed no-load operation and is calculated by averaging the measurements at four points, each 7 meters from the source.
- *5 Depending on location and area, output voltage may differ from values listed in catalog.

1[PS]=735.5[w]
=735.5[kw]



DCA-800SPM



DCA-600SPV



DCA-1100SPC