

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

MODEL	DCA-600SPK	DCA-610SPM	DCA-800SPK	DCA-800SPM	DCA-1100SPK	DCA-1100SPM2
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## ALTERNATOR

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

## ENGINE

Maker & Model		Komatsu SA6D170A		Mitsubishi S6R-PTA		Komatsu SA12V140		Mitsubishi S12A2-PTA		Komatsu SAA12V140		Mitsubishi S12H-PTA			
Type		Inlined, Direct Injected, Turbocharged, Aftercooled						V12 Direct Injected Turbocharged, Aftercooled							
Output Rating	PS/rpm	639/1500	698/1800	703/1500	768/1800	834/1500	1000/1800	830/1500	920/1800	1171/1500	1324/1800	1210/1500	1292/1800		
	kW/rpm	470/1500	513/1800	517/1500	565/1800	613/1500	736/1800	610/1500	677/1800	861/1500	974/1800	890/1500	950/1800		
No. of Cylinders-Bore×Stroke	mm	6-170×170		6-170×180		12-140×165		12-150×160		12-140×165		12-150×175			
Piston Displacement	L	23.150		24.500		30.480		33.930		30.480		37.110			
Fuel		ASTM No. 2 Diesel Fuel or Equivalent													
Fuel Consumption*2	L/h	81.8	93.7	82.0	96.4	102	120	103	125	152	169	161	188		
Lube Oil Sump Capacity	L	119		92		151		120		207		200			
Coolant Capacity	L	112		118		170		205		237		210			
Battery×Quantity		190H52×2 or 210H52×2				190H52×4 or 210H52×4				145G51×4 or 155G51×4		190H52×4 or 210H52×4			
Fuel Tank Capacity	L	490						600						800	

## UNIT

Dimensions	Length mm	5580(5100)*3	5280(4800)*3	6110(5500)*3	6210(5600)*3	6510(5900)*3	6510(5900)*3
	Width mm	1650	1650	1950	1950	2200	2200
	Height mm	2400	2400	2500	2500	2790	2790
Dry Weight	kg	8860	8700	11200	11350	13000	14180

## SOUND LEVEL

7m dB (A) 1500/1800 rpm (min <sup>-1</sup> )*4	67	71	69	72	70	72	67	69	70	74	73	77
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\*1 Rated Voltage Classification

	50Hz	60Hz
②	190~220V 380~440V	190~240V 380~480V
③	380~440V	380~480V

\*5

\*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.