

# SPECIFICATION TABLE

## (550kVA - 1100kVA CLASS SOUNDPROOF TYPE)

		DCA-600SPK		DCA-610SPM		DCA-800SPK		DCA-1100SPK		DCA-1100SPM2	
<b>ALTERNATOR</b>											
Frequency	Hz	50	60	50	60	50	60	50	60	50	60
Output Rating (kVA)	Continuous	550	600	554	610	700	800	1000	1100	1000	1100
	Standby	605	660	554	610	770	880	1100	1210	1100	1210
No. of Phases		3-Phase, 4-Wire									
Rated Voltage*1		(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									
<b>ENGINE</b>											
Maker & Model		Komatsu SA6D170-A-1		Mitsubishi S6R-PTA		Komatsu SA12V140		Komatsu SAA12V140		Mitsubishi S12H-PTA	
Type		Inlined, Direct Injected, Turbocharged, Aftercooled				Direct Injected Turbocharged, Aftercooled					
Output Rating	PS/rpm	639/1500	698/1800	703/1500	768/1800	834/1500	1000/1800	1171/1500	1324/1800	1210/1500	1292/1800
	kW/rpm	470/1500	513/1800	517/1500	565/1800	613/1500	736/1800	861/1500	974/1800	890/1500	950/1800
No. of Cylinders-Bore x Stroke mm		6-170×170		6-170×180		12-140×165		12-140×165		12-150×175	
Piston Displacement L		23.150		24.500		30.480		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	152	169	161	188
Lube Oil Sump Capacity L		119		92		151		207		200	
Coolant Capacity L		112		118		170		237		210	
Battery x 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			
Engine Emissions		-									
<b>UNIT</b>											
Dimensions	Length mm	5580(5100)*3		5280(4800)*3		6110(5500)*3		6510(5900)*3		6510(5900)*3	
	Width mm	1650		1650		1950		2200		2200	
	Height mm	2400		2400		2500		2790		2790	
Dry Weight kg		8860		8700		11200		13000		14180	
<b>SOUND LEVEL</b>											
7m dB(A) 1500/1800rpm*4		67	71	69	72	70	72	70	74	73	77

\*1 Rated Voltage Classification

\*5

Frequency	(2)		(3)
50Hz	190 - 220V	380 - 440V	380 - 440V
60Hz	190 - 240V	380 - 480V	380 - 480V

\*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.



DCA-600SPK



DCA-610SPM



DCA-800SPK



DCA-1100SPK



DCA-1100SPM2

