

SPECIFICATION TABLE (220kVA~500kVA CLASS SOUNDPROOF TYPE)

MODEL		DCA-220SPK3	DCA-300SPK3	DCA-400SPKII	DCA-500SPK				
ALTERNATOR									
Frequency	Hz	50	60	50	60	50	60	50	60
Output Rating (kVA)	Continuous	200	220	270	300	350	400	450	500
	Standby	220	242	297	330	385	440	495	550
No. of Phases		3-Phase, 4-Wire							
Rated Voltage*1	V	② Dual Voltage							
Power Factor		0.8 (Lagging)							
Voltage Regulation	%	Within ±0.5			Within ±1.0			Within ±0.5	
Excitation		Brushless, Rotating Exciter (With A.V.R.)							
Insulation		Class F							

ENGINE

Maker & Model		Komatsu S6D125E-2-A	Komatsu SA6D125E-2-A	Komatsu SA6D140A-1	Komatsu SA6D170-B-1				
Type		Inlined, Direct Injected, Turbocharged		Inlined, Direct Injected, Turbocharged, Aftercooled					
Output Rating	PS/rpm	242/1500	277/1800	316/1500	350/1800	421/1500	485/1800	520/1500	580/1800
	kW/rpm	178/1500	204/1800	232/1500	257/1800	310/1500	357/1800	382/1500	427/1800
No. of Cylinders-Bore×Stroke	mm	6-125×150			6-140×165		6-170×170		
Piston Displacement	L	11.040			15.240		23.150		
Fuel		ASTM No. 2 Diesel Fuel or Equivalent							
Fuel Consumption*2	L/h	31.5	35.7	43.6	50.0	52.1	60.8	69.5	83.1
Lube Oil Sump Capacity	L	42		62		74		119	
Coolant Capacity	L	37.2		38.2		68.4		92.5	
Battery×Quantity		145G51×2 or 155G51×2			190H52×2 or 210H52×2				
Fuel Tank Capacity	L	380			490				

UNIT

Dimensions	Length mm	3650	3750	4200	5480(5000)*3
	Width mm	1300	1400	1400	1650
	Height mm	1750	1800	2100	2400
Dry Weight	kg	3680	4170	5420	8540

SOUND LEVEL

7m dB (A) 1500/1800 rpm (min ⁻¹)*4	63	65	70	73	67	68	68	71
--	----	----	----	----	----	----	----	----

*1 Rated Voltage Classification

*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.

Frequency	50Hz	60Hz
	②	190~220V 380~440V



DCA-220SPK3



DCA-300SPK3



DCA-400SPK II



DCA-500SPK