

# SPECIFICATION TABLE

## (350kVA - 500kVA CLASS SOUNDPROOF TYPE)

		DCA-400SPKII		DCA-400ESK		DCA-500SPK		DCA-500ESK	
<b>ALTERNATOR</b>									
Frequency	Hz	50	60	50	60	50	60	50	60
Output Rating (kVA)	Continuous	350	400	350	400	450	500	450	500
	Standby	385	440	385	440	495	550	495	550
No. of Phases		3-Phase, 4-Wire							
Rated Voltage*1		(2) Dual Voltage							
Power Factor		0.8 (Lagging)							
Voltage Regulation	%	Within ±1.0		Within ±1.0		Within ±0.5		Within ±0.5	
Excitation		Brushless, Rotating Exciter (With A.V.R.)							
Insulation		Class F							
<b>ENGINE</b>									
Maker & Model		Komatsu SA6D140A-1		Komatsu SA6D140E-3-A		Komatsu SA6D170-B-1		Komatsu SAA6D140E-3-B	
Type		Inlined, Direct Injected, Turbocharged, Aftercooled		Common Rail, Inlined, Direct Injected, Turbocharged, Aftercooled		Inlined, Direct Injected, Turbocharged, Aftercooled		Common Rail, Inlined, Direct Injected, Turbocharged, Aftercooled	
Output Rating	PS/rpm	421/1500	485/1800	421/1500	485/1800	520/1500	580/1800	520/1500	580/1800
	kW/rpm	310/1500	357/1800	310/1500	357/1800	382/1500	427/1800	382/1500	427/1800
No. of Cylinders-Bore x Stroke		6-140×165				6-170×170		6-140×165	
Piston Displacement		15.240				23.150		15.240	
Fuel		ASTM No. 2 Diesel Fuel or Equivalent							
Fuel Consumption*2	L/h	52.1	60.8	56.0	65.1	69.5	83.1	65.8	75.9
Lube Oil Sump Capacity	L	74		79		119		91.5	
Coolant Capacity	L	68.4		67.5		92.5		88	
Battery x Quantity		190H52×2 or 210H52×2							
Fuel Tank Capacity		490							
Engine Emissions		Stage I (Japanese)		Stage II (Japanese)		Stage I (Japanese)		Stage II (Japanese)	
<b>UNIT</b>									
Dimensions	Length	4200		4200		5480 (5000)*3		5380(4900)*3	
	Width	1400		1400		1650		1650	
	Height	2100		2100		2400		2100	
Dry Weight	kg	5420		5470		8540		7220	
<b>SOUND LEVEL</b>									
7m dB(A) 1500/1800rpm*4		67	68	65	67	68	71	66	69

\*1 Rated Voltage Classification

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



DCA-400SPKII

DCA-400ESK



DCA-500SPK

DCA-500ESK

