

SPECIFICATION TABLE

MODEL	DCA-125ESK	DCA-220ESK	DCA-300ESK	DCA-400ESK	DCA-500ESK
-------	------------	------------	------------	------------	------------

ALTERNATOR

Frequency	H	50	60	50	60	50	60	50	60	50	60
Output Rating (kVA)	Continuous	100	125	200	220	270	300	350	400	450	500
	Standby	110	138	220	242	297	330	385	440	495	550
No. of Phases		3-Phase, 4-Wire									
Rated Voltage*1	V	①Dual 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

Make&Model	Komatsu SAA6D102E-2-A			Komatsu SAA6D125E-2-B				Komatsu SA6D140E-3-A		Komatsu SAA6D140E-3-B		
Type	Inlined, Direct Injected, Turbocharged, Aftercooled											
Output Rating	kW/min ⁻¹	97.8/1500	115.5/1800	178/1500	204/1800	232/1500	257/1800	310/1500	357/1800	382/1500	427/1800	
No. of Cylinders-Bore×Stroke	mm	6-102 × 120			6-125 × 150				6-140 × 165			
Piston Displacement	L	5.88			11.04				15.24			
Fuel		ASTM No. 2 Diesel Fuel or Equivalent										
Fuel Consumption*2	L/h	16.3	21.0	31.9	35.7	39.0	47.0	56	65.1	65.8	75.9	
Lube Oil Sump Capacity	L	22		42		62		79		91.5		
Coolant Capacity	L	26.4		37.9		44.4		67.5		88		
Battery×Quantity		95E41R × 2			145G51 × 2				190H52 × 2			
Fuel Tank Capacity	L	250		380		490						

UNIT

Dimensions	Length mm	3000	3700	4000	4200	5380(4900)*3
	Width mm	1080	1300	1400	1400	1650
	Height mm	1500	1750	1800	2100	2100
Dry Weight	kg	2130	3770	4320	5470	7220

SOUND LEVEL

7m dB (A) 1500/1800 rpm (min ⁻¹)*4	60	63	63	66	66	69	65	67	66	69
--	----	----	----	----	----	----	----	----	----	----

*1 Rated Voltage Classification	*5	
	50Hz	60Hz
①	190~220V 380~440V	190~240V 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.



DCA-125ESK



DCA-220ESK



DCA-300ESK



DCA-400ESK



DCA-500ESK