

SPECIFICATION TABLE (150kVA~600kVA CLASS SOUNDPROOF TYPE)

MODEL	DCA-150ESM	DCA-220ESM	DCA-220SPK3	DCA-300SPK3	DCA-400SPKII	DCA-500SPK	DCA-600SPV		
ALTERNATOR									
Frequency	Hz	50	60	50	60	50	60		
Output Rating(kVA)	Continuous	125	150	200	220	200	220		
	Standby	138	165	220	242	220	242		
No. of Phases		3-Phase, 4-Wire							
Rated Voltage*1	V	②Dual 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	Mitsubishi 6D16-TLE2D	Mitsubishi 6D24-TLE2B	Komatsu S6D125E-2-A	Komatsu SA6D125E-2-A	Komatsu SA6D140-A	Komatsu SA6D170-B	Volvo TAD1642GE								
Type	Inlined, Direct Injected, Turbocharged, Aftercooled		Inlined, Direct Injected, Turbocharged	Inlined, Direct Injected, Turbocharged, Aftercooled											
Output Rating	PS/rpm	153/1500	183/1800	246/1500	270/1800	242/1500	277/1800	316/1500	350/1800	421/1500	485/1800	520/1500	580/1800	659/1500	723/1800
	kW/rpm	113/1500	135/1800	181/1500	199/1800	178/1500	204/1800	232/1500	257/1800	310/1500	357/1800	382/1500	427/1800	485/1500	532/1800
No. of Cylinders-Bore×Stroke	mm	6-118×115		6-130×150		6-125×150		6-140×165		6-170×170		6-144×165			
Piston Displacement	L	7.540		11.940		11.040		15.240		23.150		16.120			
Fuel		ASTM No. 2 Diesel Fuel or Equivalent													
Fuel Consumption*2	L/h	19.8	24.0	33.7	38.1	31.5	35.7	43.6	50.0	52.1	60.8	69.5	83.1	81.2	91.7
Lube Oil Sump Capacity	L	16		37		42		62		74		119		48	
Coolant Capacity	L	26.3		42		36		35		68.4		92.5		93	
Battery×Quantity		95E41R×2		145G51×2 or 155G51×2				190H52×2 or 210H52×2							
Fuel Tank Capacity	L	250		380				490							

UNIT

Dimensions	Length mm	3350	3700	3650	3750	4200	5480(5000)*3	5180(4700)*3
Dimensions	Width mm	1080	1300	1300	1400	1400	1650	1650
	Height mm	1500	1750	1750	1800	2100	2400	2400
	Dry Weight kg	2450	3630	3670	4160	5420	8540	7535

SOUND LEVEL

7m dB (A) 1500/1800 rpm (min ⁻¹)*4	62	67	61	63	63	65	68	71	67	68	68	71	72	75
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*1 Rated Voltage Classification

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*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	190~240V 380~480V



DCA-220ESM



DCA-220SPK3



DCA-400SPK II



DCA-500SPK