

SPECIFICATION TABLE (60kVA~150kVA CLASS SOUNDPROOF TYPE)

MODEL		DCA-60ESI2		DCA-75SPI		DCA-100ESI		DCA-125SPK3		DCA-150ESK	
ALTERNATOR											
Frequency Hz		50	60	50	60	50	60	50	60	50	60
Output Rating(kVA)	Continuous	50	60	65	75	80	100	100	125	125	150
	Standby	55	66	68.3	78.8	88	110	110	138	138	165
No.of Phases		3-Phase,4-Wire									
Rated Voltage* ¹ V		②Dual Voltage									
Power Factor		0.8 (Lagging)									
Voltage Regulation %		Within ±0.5									
Excitation		Brushless,Rotating Exciter (With A.V.R.)									
Insulation		Class H		Class F							

ENGINE

Maker & Model		Isuzu BB-4BG1T		Isuzu A-6BG1		Isuzu DD-6BG1T		Komatsu SA6D102E-1-A		Komatsu SAA6D102E-2-D	
Type		Inlined,Direct Injected, Turbocharged		Inlined,Direct Injected		Inlined,Direct Injected, Turbocharged		Inlined,Direct Injected,Turbocharged, Aftercooled			
Output Rating	PS/rpm	65.1/1500	77.6/1800	80/1500	93/1800	100/1500	124/1800	133/1500	157/1800	153/1500	183/1800
	kW/rpm	47.9/1500	57.1/1800	58.8/1500	68.4/1800	73.6/1500	91.3/1800	97.8/1500	115.5/1800	113/1500	135/1800
No.of Cylinders-Bore×Stroke mm		4-105×125		6-105×125		6-105×125		6-102×120		6-102×120	
Piston Displacement L		4.329		6.494		6.494		5.880		5.880	
Fuel		ASTM No. 2 Diesel Fuel or Equivalent									
Fuel Consumption*2 L/h		8.7	11.0	10.8	12.5	13.5	17.4	15.5	20.1	20.6	25.0
Lube Oil Sump Capacity L		13.2		19.3		22.4		22		22	
Coolant Capacity L		15.4		22.9		22.0		23.9		28.4	
Battery×Quantity		95D31R×1		95E41R×2		95D31R×2		95E41R×2			
Fuel Tank Capacity L		125		155		225		250			

UNIT

Dimensions	Length mm	2200	2630	2750	3000	3250
	Width mm	880	1000	1050	1080	1080
	Height mm	1250	1300	1350	1500	1500
Dry Weight	kg	1120	1590	1730	2110	2390

SOUND LEVEL

7m dB (A) 1500/1800 rpm (min ⁻¹) *3	61	64	61	63	59	61	65	68	62	65
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*1 Rated Voltage Classification *4

Frequency	50Hz	60Hz
②	190~220V 380~440V	190~240V 380~480V
④	190~220V (380~440V)	200~240V (380~480V)

() indicates options.

*2 Fuel consumption is based on operation at 75% load.

*3 Sound level reflects high-speed no-load operation and is calculated by averaging the measurements at four points, each 7 meters from the source.

*4 Depending on location and area, output voltage may differ from values listed in catalog.



DCA-60ESI2



DCA-75SPI



DCA-100ESI



DCA-125SPK3



DCA-150ESK