

SPECIFICATION TABLE

(50kVA - 150kVA CLASS SOUNDPROOF TYPE)

		DCA-60ESI2		DCA-75SPI		DCA-100ESI		DCA-125SPK3		DCA-125ESK		DCA-150ESK		
ALTERNATOR														
Frequency	Hz	50	60	50	60	50	60	50	60	50	60	50	60	
Output Rating (kVA)	Continuous	50	60	65	75	80	100	100	125	100	125	125	150	
	Standby	55	66	68.3	78.8	88	110	110	138	110	138	138	165	
No. of Phases		3-Phase, 4-Wire												
Rated Voltage*1		(2) Dual 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 BB4BG1T		Isuzu A-6BG1		Isuzu DD-6BG1T		Komatsu SA6D102E-1-A		Komatsu SAA6D102E-2-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	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	97.8/1500	115.5/1800	113/1500	135/1800	
No. of Cylinders-Bore x Stroke mm		4-105×125		6-105×125		6-105×125		6-102×120		6-102×120		6-102×120		
Piston Displacement L		4.329		6.494		6.494		5.880		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	16.3	21.0	20.6	25.0	
Lube Oil Sump Capacity L		13.2		19.3		22.4		22		22		22		
Coolant Capacity L		15.4		22.9		22.0		22.7		26.4		28.4		
Battery x Quantity		95D31R×1		95E41R×2		95D31R×2		95E41R×2						
Fuel Tank Capacity L		125		155		225		250						
Engine Emissions		Stage II (Japanese)		Stage I (Japanese)		Stage II (Japanese)		Stage I (Japanese)		Stage II (Japanese)				
UNIT														
Dimensions	Length	mm	2200		2630		2750		3000		3000		3250	
	Width	mm	880		1000		1050		1080		1080		1080	
	Height	mm	1250		1300		1350		1500		1500		1500	
Dry Weight kg		1120		1590		1730		2110		2130		2390		
SOUND LEVEL														
7m dB(A) 1500/1800rpm*3		61	64	61	63	59	61	65	68	60	63	62	65	

*1 Rated Voltage Classification

Frequency	(2)	
50Hz	190 - 220V	380 - 440V
60Hz	190 - 240V	380 - 480V

*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-125ESK

DCA-150ESK