

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

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

ENGINE													
Maker & Model		Hino W04D-TG		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	66/1500	78/1800	65/1500	77/1800	80/1500	93/1800	100/1500	124/1800	133/1500	157/1800	153/1500	183/1800
	kW/rpm	48.5/1500	57.4/1800	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	4-104×118		4-105×125		6-105×125		6-105×125		6-102×120		6-102×120	
Piston Displacement	L	4.009		4.329		6.494		6.494		5.880		5.880	
Fuel		ASTM No. 2 Diesel Fuel or Equivalent											
Fuel Consumption*2	L/h	8.8	10.6	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	16.5		13.2		19.3		22.4		22		22	
Coolant Capacity	L	12.2		15.4		22.9		22.0		23.9		28.4	
Battery×Quantity		80D26R×2		120E41R×1		95E41R×2		95D31R×2		95E41R×2			
Fuel Tank Capacity	L	125		125		155		225		250			

UNIT													
Dimensions	Length mm	2050		2200		2630		2750		3000		3250	
	Width mm	880		880		1000		1050		1080		1080	
	Height mm	1250		1250		1300		1350		1500		1500	
Dry Weight	kg	1240		1120		1590		1730		2120		2390	

SOUND LEVEL													
7m dB (A) 1500/1800 rpm (min ⁻¹)*3		61	64	61	64	61	63	59	61	63	66	62	65

*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