

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

MODEL	DCA-60ESH	DCA-60ESI2	DCA-75SPI	DCA-100ESI	DCA-125SPK3	DCA-150ESK								
<b>ALTERNATOR</b>														
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	④ Single Voltage (Dual Voltage is an option)				② Dual 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		95D31R×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 <sup>-1</sup> )*3	61	64	61	64	61	63	59	61	63	66	62	65
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\*1 Rated Voltage Classification

Frequency	50Hz	60Hz
	②	190~220V 380~440V
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