

MODEL	DCA-60SPI	DCA-75SPI	DCA-100ESI	DCA-125ESM	DCA-125SPK3	DCA-150ESH	DCA-150ESK	DCA-150ESM	DCA-180SPK3
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ALTERNATOR

Frequency	Hz	50	60	50	60	50	60	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	125	150	125	150	150	180
	Standby	55	66	68.3	78.8	88	110	110	138	110	138	138	165	138	165	138	165	165	198
No. of Phases		3-Phase, 4-Wire																	
Rated Voltage*1	V	② Dual Voltage																	
Power Factor		0.8 (Lagging)																	
Voltage Regulation	%	Within ±0.5																	
Excitation		Brushless, Rotating Exciter (With A.V.R.)																	
Insulation		Class F																	

ENGINE

Make&Model		Isuzu A-6BG1				Isuzu DD-6BG1T		Mitsubishi 6D16-TLE2D		Komatsu SA6D102E-1-A		Hino JO8C-UD		Komatsu SAA6D102E-2-D		Mitsubishi 6D16-TLE2D		Komatsu SA6D108E-2-A	
Type		Inlined, Direct Injected				Inlined, Direct Injected, Turbocharged		Inlined, Direct Injected, Turbocharged, Aftercooled											
Output Rating	PS/rpm	64/1500	78/1800	80/1500	93/1800	100/1500	124/1800	145/1500	166/1800	133/1500	157/1800	153/1500	183/1800	153/1500	183/1800	153/1500	183/1800	185/1500	220/1800
	kW/min-1	47.1/1500	57.4/1800	58.8/1500	68.4/1800	73.6/1500	91.3/1800	107/1500	122/1800	97.8/1500	115.5/1800	113/1500	135/1800	113/1500	135/1800	113/1500	135/1800	136/1500	162/1800
No. of Cylinders-Bore×Stroke	mm	6-105×125				6-105×125		6-118×115		6-102×120		6-114×130		6-102×120		6-118×115		6-108×130	
Piston Displacement	L	6.494				6.494		7.540		5.880		7.961		5.880		7.540		7.150	
Fuel		ASTM No. 2 Diesel Fuel or Equivalent																	
Fuel Consumption*2	L/h	9	11.4	10.8	12.5	13.5	17.4	16.5	20.7	15.5	20.1	19.3	23.9	20.6	25.0	19.8	24.0	22.4	28.1
Lube Oil Sump Capacity	L	19.3		19.3		22.4		16		22		24.5		22		16		31	
Coolant Capacity	L	19		22.9		22.0		26.3		23.9		22.9		28.4		26		30.4	
Battery×Quantity		65D31RX2		95E41RX2		95D31RX2		95E41RX2						115F51X2					
Fuel Tank Capacity	L	125		155		225		250						300					

UNIT

Dimensions	Length mm	2420	2630	2750	3280	3000	3200	3250	3350	3300
	Width mm	880	1000	1050	1080	1080	1180	1080	1080	1200
	Height mm	1250	1300	1350	1500	1500	1500	1500	1500	1500
Dry Weight	kg	1410	1590	1730	2290	2120	2360	2390	2450	2900

SOUND LEVEL

7m dB (A) 1500/1800 rpm (min-1)*3	63	65	61	63	59	61	61	66	63	66	61	64	62	65	62	67	63	67
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*1 Rated Voltage Classification

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



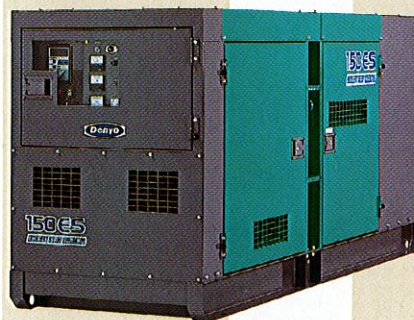
DCA-60ESH



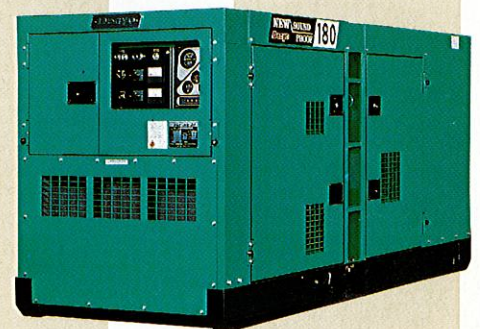
DCA-100ESI



DCA-125SPK3



DCA-150ESK



DCA-180SPK3