

SPECIFICATION TABLE (25kVA~150kVA CLASS SUPER SOUNDPROOF TYPE)

MODEL	DCA-25USI3	DCA-45USI2	DCA-60USH2	DCA-100USI	DCA-150USK
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ALTERNATOR

Frequency	Hz	50	60	50	60	50	60	50	60	50	60
Output Rating(kVA)	Continuous	20	25	37	45	50	60	80	100	125	150
	Standby	22	27.5	38.9	47.3	55	66	88	110	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									

ENGINE

Maker & Model		Isuzu BV-4LE2		Isuzu BB-4JG1T		Hino W04D-TG		Isuzu DD-6BG1T		Komatsu SAA6D102E-2-D	
Type		Inlined, Direct Injected		Inlined, Direct Injected, Turbocharged						Inlined, Direct Injected, Turbocharged, Aftercooled	
Output Rating	PS/rpm	26/1500	31/1800	46.5/1500	56/1800	66/1500	78/1800	101/1500	126/1800	154/1500	184/1800
	kW/rpm	19.1/1500	22.9/1800	34.2/1500	41.2/1800	48.5/1500	57.4/1800	74.5/1500	92.8/1800	113/1500	135/1800
No. of Cylinders-Bore×Stroke	mm	4-85×96		4-95.4×107		4-104×118		6-105×125		6-102×120	
Piston Displacement	L	2.179		3.059		4.009		6.494		5.880	
Fuel		ASTM No. 2 Diesel Fuel or Equivalent									
Fuel Consumption*2	L/h	3.6	4.5	6.7	8.4	8.3	10.2	13.4	17.1	20.5	25.1
Lube Oil Sump Capacity	L	8.5		10		16.5		22.4		22	
Coolant Capacity	L	6.8		10		11.9		20		22.4	
Battery×Quantity		80D26R×1		95D31R×1		80D26R×2		95D31R×2		95E41R×2	
Fuel Tank Capacity	L	80		170		170		225		250	

UNIT

Dimensions	Length mm	1550	1580	2050	2650	3100
	Width mm	790	950	950	1100	1240
	Height mm	1000	1550	1450	1500	1600
Dry Weight	kg	660	1100	1330	1940	2600

SOUND LEVEL

7m dB (A) 1500/1800 rpm (min ⁻¹)*3	50	54	51	53	52	55	55	57	55	58
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*1 Rated Voltage Classification

	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-25USI3



DCA-45USI2



DCA-100USI

NOTE 1 OUTPUT RATING

- Continuous output rating applies to operation under standard conditions as per JIS D0006-1*.
- Standby output rating applies to intermittent or emergency operation for approximately 1 hour as per JIS D0006-1.
- Kilowatts (kW) is calculated by multiplying output kVA by 0.8.
- * JIS D0006: Standard air conditions Temperature 25°C Atmospheric pressure 100kPa Relative humidity 30%RH

NOTE 2 RATED VOLTAGE

- Line to neutral voltage is calculated by dividing line to line voltage by $\sqrt{3}$.
- Besides the voltages shown on the specification table, other voltages are available upon request.

NOTE 3

Colours of products would be different from printed ones of catalogues.