

SPECIFICATION TABLE (13kVA~45kVA CLASS SOUNDPROOF TYPE)

MODEL	DCA-13LSK	DCA-13LSY	DCA-15LSK	DCA-20LSK	DCA-25ESK	DCA-25ESI	DCA-35SPK	DCA-45ESI
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ALTERNATOR

Frequency	Hz	50	60	50	60	50	60	50	60	50	60	50	60	50	60	50	60
Output Rating(kVA)	Continuous	10.5	13	10.5	13	12.5	15	17	20	20	25	20	25	30	35	37	45
	Standby	11	13.7	11.5	14	13.8	16.5	18.7	22	22	27.5	22	27.5	31.5	36.75	38.9	47.3
No. of Phases		3-Phase, 4-Wire															
Rated Voltage*1	V	① or ③ Single Voltage						② Dual Voltage				① or ③ Single Voltage		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

ENGINE

Maker & Model	Kubota D1403-K3A		Yanmar 3TNV84-G		Kubota D1703-K3A		Kubota V2203-K3A		Kubota V2203-KB		Isuzu AA-4LE2		Kubota V3300-EB		Isuzu BB-4JG1T		
Type	Inlined, Swirl Chambered		Inlined, Direct Injected		Inlined, Swirl Chambered						Inlined, Direct Injected		Inlined, Swirl Chambered		Inlined, Direct Injected, Turbocharged		
Output Rating	PS/rpm	13.7/1500	16.9/1800	15.3/1500	18.3/1800	16.9/1500	20/1800	23.1/1500	27.1/1800	25/1500	32.2/1800	26/1500	32/1800	38.5/1500	44.1/1800	46.5/1500	56/1800
	kW/rpm	10.2/1500	12.4/1800	11.3/1500	13.5/1800	12.4/1500	14.7/1800	17.0/1500	19.9/1800	18.4/1500	23.7/1800	19.1/1500	23.5/1800	28.3/1500	32.4/1800	34.2/1500	41.2/1800
No. of Cylinders-Bore×Stroke	mm 3-80×92.4		3-84×90		3-87×92.4		4-87×92.4		4-87×92.4		4-85×96		4-98×110		4-95.4×107		
Piston Displacement	L 1.393		1.496		1.647		2.197		2.197		2.179		3.318		3.059		
Fuel	ASTM No. 2 Diesel Fuel or Equivalent																
Fuel Consumption*2	L/h	2.4	2.9	2.1	2.6	2.8	3.4	3.6	4.3	3.9	4.9	3.3	4.2	5.8	6.9	6.8	8.6
Lube Oil Sump Capacity	L	5.6		6.7		5.6		7.6		7.6		8.5		13.2		10	
Coolant Capacity	L	6.4		3.9		6.4		7.9		7.9		6.6		10.5		10.9	
Battery×Quantity		80D26R×1										95D31R×1					
Fuel Tank Capacity	L	62						70				82		100			

UNIT

Dimensions	Length mm	1390	1390	1390	1540	1540	1540	1900	1900
	Width mm	650	650	650	650	650	680	860	880
	Height mm	900	900	900	900	900	900	990	1250
Dry Weight	kg	503	490	516	580	591	564	890	960

SOUND LEVEL

7m dB (A) 1500/1800 rpm (min ⁻¹)*3	58	61	61	62	60	63	61	64	62	64	60	64	60	63	60	62
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*1 Rated Voltage Classification

Frequency	50Hz	60Hz
	①	190~220V
②	190~220V 380~440V	190~240V 380~480V
③	380~440V	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.