

SPECIFICATION TABLE

(10.5kVA - 45kVA CLASS SOUNDPROOF TYPE)

			DCA-13LSK		DCA-15LSK		DCA-25ESK		DCA-25ESI		DCA-35SPK		DCA-45LSK2	
ALTERNATOR														
Frequency		Hz	50	60	50	60	50	60	50	60	50	60	50	60
Output Rating (kVA)	Continuous		10.5	13	12.5	15	20	25	20	25	30	35	37	45
	Standby		11	13.7	13.8	16.5	22	27.5	22	27.5	31.5	36.75	37	45
No. of Phases			3-Phase, 4-Wire											
Rated Voltage*1			(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		Kubota D1703-K3A		Kubota V2203-KB		Isuzu AA-4LE2		Kubota V3300-EB		Kubota V3600-T-K3A	
Type			Inlined, Swirl Chambered						Inlined, Direct Injected		Inlined, Swirl Chambered			
Output Rating	PS/rpm		13.9/1500	16.9/1800	16.9/1500	20/1800	25/1500	32.2/1800	26/1500	32/1800	38.5/1500	44.1/1800	45.0/1500	51.3/1800
	kW/rpm		10.2/1500	12.4/1800	12.4/1500	14.7/1800	18.4/1500	23.71800	19.1/1500	23.5/1800	28.3/1500	32.4/1800	33.1/1500	37.7/1800
No. of Cylinders-Bore x Stroke mm			3-80×92.4		3-87×92.4		4-87×92.4		4-85×96		4-98×110		4-98x120	
Piston Displacement L			1.393		1.647		2.197		2.179		3.318		3.620	
Fuel			ASTM No. 2 Diesel Fuel or Equivalent											
Fuel Consumption*2 L/h			2.4	2.9	2.8	3.4	3.9	4.9	3.3	4.2	5.8	6.9	7.1	8.9
Lube Oil Sump Capacity L			5.6		5.6		7.6		8.5		13.2		13.2	
Coolant Capacity L			6.4		6.4		7.9		6.6		10.5		10.9	
Battery x Quantity			80D26Rx1								95D31Rx1		115D31Rx1	
Fuel Tank Capacity L			62						70		82		100	
Engine Emissions			Stage III (Japanese)				Stage II (Japanese)				Stage I (Japanese)		Stage III (Japanese)	
UNIT														
Dimensions	Length	mm	1390		1390		1540		1540		1900		1850	
	Width	mm	650		650		650		680		860		880	
	Height	mm	900		900		900		900		990		1250	
Dry Weight kg			503		516		591		564		890		935	
SOUND LEVEL														
7m dB(A) 1500/1800rpm*3			58	61	60	63	61	65	60	64	60	63	57	60

*1 Rated Voltage Classification

Frequency	(1)	(2)	(3)
50Hz	190 - 220V	190 - 220V	380 - 440V
60Hz	200 - 240V	190 - 240V	380 - 480V

*4

*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-13LSK



DCA-15LSK



DCA-25ESK



DCA-25ESI



DCA-35SPK



DCA-45LSK2

