

Specifications

MODEL		DCA-10ESX			
AC GENERATOR	MODEL	DFS-0140XK			
	FREQUENCY	50 Hz	60 Hz	50 Hz	60 Hz
	RATED OUTPUT	8.0 kVA	10.0 kVA	8.0 kVA	10.0 kVA
	RATED VOLTAGE	100 or 200V	110 or 220V	100/200V	110/220V
	RATED CURRENT	80.0 or 40.0A	90.9 or 45.5 A	40.0 A	45.5 A
	POWER FACTOR	1.0			
	NO.OF PHASES	Single-Phase 2 Wires		Single-Phase 3 Wires	
	EXCITATION	Brushless type (with automatic voltage regulator)			
	NO.OF POLES	4			
	SPEED	1500 min ⁻¹	1800 min ⁻¹	1500 min ⁻¹	1800 min ⁻¹
	AUX.AC POWER (OPTION)	100V 1.5 kVA × 2	110V 1.5 kVA × 2	100V 1.5 kVA × 2	110V 1.5 kVA × 2
	INSULATION	class F			
ENGINE	MANUFACTURE	KUBOTA			
	MODEL	D1403-KA			
	TYPE	4-cycle, water-cooled, diesel engine, swirl chamber type			
	NO.OF CYLINDERS BORE × STROKE(mm)	3 - 80 × 92.4			
	TOTAL DISPLACEMENT	1.393 L			
	RATED OUTPUT	10.2 kW /1500min ⁻¹	12.4 kW /1800min ⁻¹	10.2 kW /1500min ⁻¹	12.4 kW /1800min ⁻¹
	BATTERY (DOMESTIC STANDARD)	80D26R × 1			
	FUEL	DIESEL FUEL ASTM No.2 or equivalent			
	FUEL TANK CAP.	Approx. 62 L			
	ENGINE OIL*1 OVERALL	Approx. 5.6 L			
	COOLANT QUANTITY*2 OVERALL	Approx. 6.4 L			
SET	LENGTH OVERALL	1390 mm			
	WIDTH OVERALL	650 mm			
	HEIGHT	900 mm			
	DRY WEIGHT	503 kg			

11-2 AC generator specifications (for custom voltage)

DCA-6ESX2

Frequency (Hz)	50Hz							
Rated output (kVA)	5							
Rated voltage(V)	100	110	115	120	200	220	230	240
Rated current(A)	50.0	45.5	43.3	41.7	25.0	22.7	21.7	20.8

Frequency (Hz)	60Hz							
Rated output (kVA)	6							
Rated voltage(V)	100	110	115	120	200	220	230	240
Rated current(A)	60.0	54.5	52.5	50.0	30.0	27.3	26.1	25.0

DCA-10ESX

Frequency (Hz)	50Hz							
Rated output (kVA)	8							
Rated voltage(V)	100	110	115	120	200	220	230	240
Rated current(A)	80.0	72.7	69.6	66.7	40.0	36.4	34.8	33.3

Frequency (Hz)	60Hz							
Rated output (kVA)	10							
Rated voltage(V)	100	110	115	120	200	220	230	240
Rated current(A)	100	90.9	87.0	83.3	50.0	45.5	43.5	41.7

DCA-15ESX

Frequency (Hz)	50Hz							
Rated output (kVA)	13							
Rated voltage(V)	100	110	115	120	200	220	230	240
Rated current(A)	130	118	113	108	65.0	59.1	56.5	54.2

Frequency (Hz)	60Hz							
Rated output (kVA)	15							
Rated voltage(V)	100	110	115	120	200	220	230	240
Rated current(A)	150	136	130	125	75.0	68.2	65.2	62.5