

MODEL		DCA-60ESI	DCA-60ESH	DCA-90ESH	
A C G E N E R A T O R	MODEL	DB-066II	DB-066IH	DB-100IH	
	FREQUENCY	50/60 Hz			
	RATED OUTPUT	50/60kVA		75/90kVA	
	RATED VOLTAGE	200/220V			
	RATED CURRENT	144/157A		217/236A	
	POWER FACTOR	0.8 (lagging)			
	NO. OF PHASES	Three-phase (four wire)			
	EXCITATION	Brushless type (with automatic voltage regulator)			
	NO. OF POLES	4			
	SPEED	1500 / 1800 min ⁻¹ (rpm)			
INSULATION	class F				
E N G I N E	MANUFACTURE	ISUZU	HINO	HINO	
	MODEL	BB-6BG1	W04D-TG	J08C-P	
	TYPE	4-cycle water cooled diesel engine, direct injection	4-cycle water cooled diesel engine, direct injection, turbocharged	4-cycle water cooled diesel engine, direct injection	
	NO. OF CYLINDERS	6	4	6	
	BORE × STROKE	105×125 mm	104×118 mm	114×130 mm	
	TOTAL DISPLACEMENT	6.494 L	4.009 L	7.961 L	
	RATED OUTPUT (1500/1800min ⁻¹)	47.1/57.4 kW	48.5/57.5 kW	70/83 kW	
	BATTERY (DOMESTIC STANDARD)	80D26R × 2		95D31R × 2	
	FUEL	DIESEL FUEL ASTM No. 2 or equivalent			
	FUEL TANK CAP.	125 L	125 L	185 L	
	ENGINE OIL *1	OVERALL	18.6 L	16.5 L	24.5 L
		FILTER	0.6 L	1.1 L	2.5 L
	COOLANT QUANTITY *2	OVERALL	19.0 L	12.2 L	19.0 L
		RESERVE TANK	1.0 L	1.0 L	1.0 L
	S E T	LENGTH OVERALL	2420 mm	2050 mm	2750 mm
WIDTH OVERALL		880 mm	880 mm	1100 mm	
HEIGHT		1250 mm	1250 mm	1400 mm	
DRY WEIGHT		1390 kg	1240 kg	1860 kg	
TOTAL WEIGHT		1540 kg	1380 kg	2070 kg	

The above specifications and set dimensions are subject to change.

*1 Overall of engine oil contains filter.

*2 Overall of coolant quantity contains reserve tank.

Dry weight : This weight does not contain the cooling water, engine oil and fuel.

Total weight : This weight contains the cooling water, engine oil and fuel.

11-2 AC generator specifications (for custom voltage)

DCA-25ESI		50Hz				60Hz			
Rated output	kVA	20	20	20	20	25	25	25	25
	kW	16	16	16	16	20	20	20	20
Rated voltage (V)		190/380	400	415	220/440	190/380	200/400	440	240/480
Rated current (A)		60. 8/30. 4	28. 9	27. 8	52. 5/26. 2	70. 6/38. 0	72. 2/36. 1	32. 8	60. 1/30. 1

DCA-45ESI, H		50Hz				60Hz			
Rated output	kVA	37	37	37	33. 3	40. 5	45	45	45
	kW	29. 6	29. 6	29. 6	26. 6	32. 4	36	36	36
Rated voltage (V)		190/380	400	415	220/440	190/380	200/400	440	240/480
Rated current (A)		112/56. 2	53. 4	51. 5	87. 4/43. 7	123/61. 5	130/65. 0	59. 0	108/54. 1

DCA-60ESI, H		50Hz				60Hz			
Rated output	kVA	50	50	50	45	54	60	60	60
	kW	40	40	40	36	43. 2	48	48	48
Rated voltage (V)		190/380	400	415	220/440	190/380	200/400	440	240/480
Rated current (A)		152/76. 0	72. 2	69. 6	118/59. 0	164/82. 0	173/86. 6	78. 7	144/72. 2

DCA-90ESH		50Hz				60Hz			
Rated output	kVA	75	75	75	67. 5	81	90	90	90
	kW	60	60	60	54	64. 8	72	72	72
Rated voltage (V)		190/380	400	415	220/440	190/380	200/400	440	240/480
Rated current (A)		228/114	108	104	177/88. 6	264/123	260/130	118	217/108