

11. Service data

11-1 Specifications

MODEL		DCA-25ESI	DCA-45ESI	DCA-100ESI	
A C G E N E R A T O R	MODEL	DF-0270I	DH-0480I	DB-1101I	
	FREQUENCY	50 / 60 Hz			
	RATED OUTPUT	20 / 25 kVA	37 / 45 kVA	80 / 100 kVA	
	RATED VOLTAGE	200 / 220 / 400 / 440 V			
	RATED CURRENT	57.7/65.6 / 28.9/32.8 A	107/118 / 53.4/59.0 A	231/262 / 115/131 A	
	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	class H	class F	
E N G I N E	MANUFACTURE	I S U Z U	I S U Z U	I S U Z U	
	MODEL	AA-4LE2	BB-4JG1T	DD-6BG1T	
	TYPE	4-cycle water cooled diesel engine ,direct injection	4-cycle water cooled diesel engine, direct injection turbocharged		
	NO.OF CYLINDERS	4	4	6	
	BORE×STROKE	85×96 mm	95.4×107 mm	105×125 mm	
	TOTAL DISPLACEMENT	2.179 L	3.059 L	6.494 L	
	RATED OUTPUT (1500/1800min ⁻¹)	19.1/23.5 kW	34.2/41.5 kW	73.6/91.3 kW	
	BATTERY (DOMESTIC STANDARD)	80D26R	95D31R	95D31R×2	
	FUEL	DIESEL FUEL ASTM No.2 or equivalent			
	FUEL TANK CAP.	70 L	100 L	225 L	
	*1	ENGINE OIL OVERALL	8.5 L	10.0 L	22.4 L
		FILTER	0.4 L	0.3 L	2.4L
	*2	COOLANT QUANTITY OVERALL	6.6 L	10.9 L	22.0 L
		RESERVE TANK	0.9 L	0.9 L	1.0 L
S E T	LENGTH OVERALL	1540 mm	1900 mm	2750 mm	
	WIDTH OVERALL	680 mm	880 mm	1050 mm	
	HEIGHT	900 mm	1250 mm	1350 mm	
	DRY WEIGHT	564 kg	960 kg	1730 kg	
	TOTAL WEIGHT	642 kg	1070 kg	1970 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.