

Technical Specification

MODEL		DCA-25MZ	
AC Generator			
Frequency		50	60
3-Phase,4-Wire 200V	Output Rating kVA ^{*1}	20	25
	Rated Voltage ^{*2} V	200	220
	Rated Current ^{*2} A	57.7	65.6
3-Phase,4-Wire 400V	Output Rating kVA ^{*1}	20	25
	Rated Voltage ^{*2} V	400	440
	Rated Current ^{*2} A	28.9	32.8
1-Phase,3-Wire 100V/200V	Output Rating kVA ^{*1}	11.5	14.4
	Rated Voltage ^{*2} V	100/200	110/220
	Rated Current ^{*2} A	57.7×2/57.7	65.2×2/65.6
1-Phase,2-Wire 100V	Output Rating kVA ^{*1}	3.0	3.3
	Rated Voltage ^{*2}	100	110
Power Factor	1-Phase: 1.0, 3-Phase: 0.8 (lagging)		
Voltage Regulation %	Within ±0.5		
Excitation	Brushless ,rotating exciter(With A.V.R)		
Insulation	Class F		
Engine			
Model	Isuzu BV-4LE2		
Type	Inlined,Direct Injected,		
No.of Cylinders-Bore×Stroke mm	4-85×96		
Piston Displacement L	2.179		
Output Rating kW	19.1	22.9	
Rated Speed min ⁻¹	1500	1800	
Fuel	ASTM No. 2 Diesel Fuel or Equivalent		
Fuel Tank Capacity L	80		
Coolant Capacity L	9.5		
Lube Oil Sump Capacity L	8.7		
Battery×Quantity	80D26R×1		
Sound Power Level			
Length×Width×Height mm	1750×1000×1220		
Dry Weight (Full Weight) kg	920(1010)		
7m dB(A) 1500/1800rpm(min ⁻¹) ²	43	47	
LwA dB No load.60Hz	76 ●		
Exhaust gas regulations	Stage III (Japanese)		

* 1 Depending on voltage, output rating (kVA) may differ from values listed in catalog.

* 2 Depending on location and area, output voltage may differ from values listed in catalog.

* 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.

● : Super low noise construction equipment designated by the MLIT Japan.

Denyo Quietest Generator *



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Soundless Generator

Malie
DCA - 25MZ

Bringing Ultra Silent to the Next Level

The sound level produced by the soundless generator, Malie* is only 43 dB. This is the same loudness heard inside a library.

Denyo has kept on trying to reduce noise levels in their generators to satisfy customer's demands against noise pollution. Finally, we have created the quietest model ever with outstanding soundproofing capabilities.

Denyo's technology is moving on to the next stage.

*Malie (pronounced Ma-lee-a) is a Hawaiian term for "quiet" and "calm".

The Sound Comparison



*Measured at 50Hz high speed, no load operation and is calculated by averaging the measurements at four points, each 7 metres from the source.



4 Points of Extreme Silence

Dual bonnet structure

Dual bonnet structure of side doors, side and roof panels help to reduce noise level.

Dual muffler & resonator

The mufflers and resonators are arranged in doubles and engineered to reduce noise.

Dual electric fan

Change in airflow dynamics where the fan is removed from the engine and replaced with fans attached outside, blowing air into the engine room instead.

Vibration Control

Vibration control support of air intake and exhaust parts help to reduce vibrations from the engine.

