

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:0.8(Lagging)/3-Phase:1.0 | | |
| 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.

The World's Quietest *



* as of July 2017

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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.

