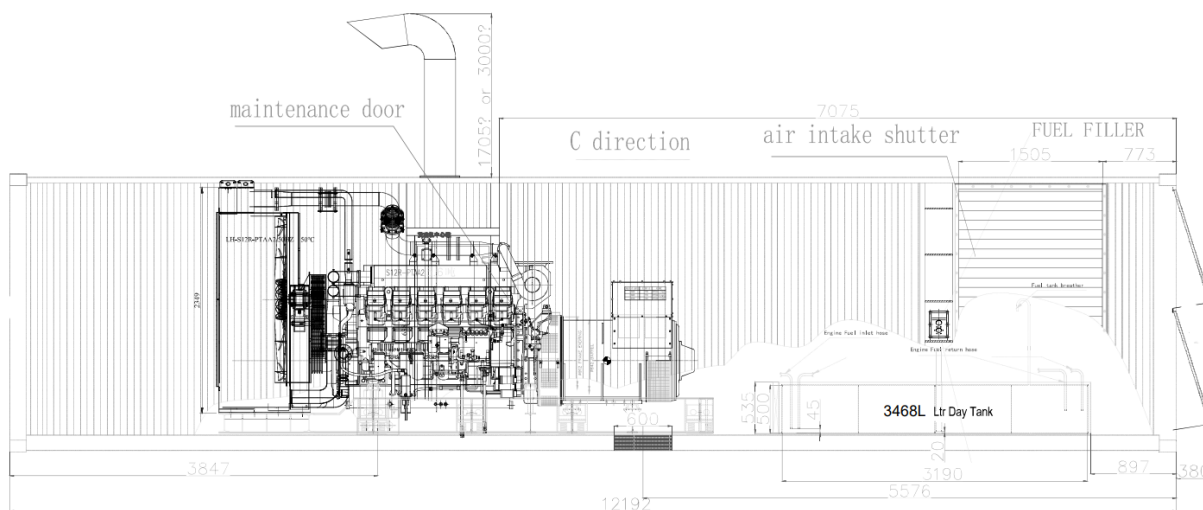


## Prime Rated 1400kVA fully packaged Containerized Generator set



Speed: 1500 RPM

Phase/Voltage: 3 phase, 415V

Frequency: 50Hz

Prime Output: 1400kVA/1120kW

Container Set: 40' ISO HC container

Fuel Tank: 3468 ltrs Day tank

Length: 12.19m

Width: 2.44m

Height: 2.89m

ACB Breaker: 3 x 2500A ACB breaker

### Engine

Manufacturer – Cummins Diesel

Engine Model – KTA50-G8

Type & Cylinder – 4-Cycle; 60° Vee; 16-Cylinder Diesel

Aspiration - Turbocharged & Low Temp. Aftercooled

Coolant capacity – 140L

Oil capacity – 177L



### Controls

Controller: DeepSea DSE8610 MKII

The DSE8610 MKII is an easy to use Synchronising Auto Start Control Module suitable for use in a multi-generator loadshare system, designed to synchronise up to 32 generators including electronic and non-electronic engines.



## Alternator

Alternator Brand/Model: Stamford / P1734D

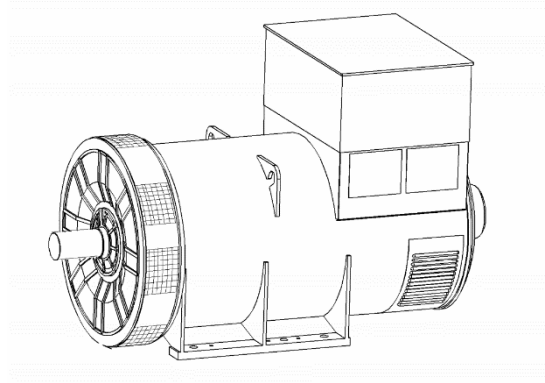
Type: Brushless

Harmonic Distortion: Less than 5%

Protection Class: IP 23

Insulation Class: Class H

Rated Power factor: 0.8



## Generator Sound Data

| Engine | Alternator | Standby<br>kVA | Prime<br>kVA | Pressure Level dB(A) @ 1M - 110% Load |        |        |        |       |       |       |       |
|--------|------------|----------------|--------------|---------------------------------------|--------|--------|--------|-------|-------|-------|-------|
|        |            |                |              | dB(A)                                 | dB(A)  | dB(A)  | dB(A)  | dB(A) | dB(A) | dB(A) | dB(A) |
|        |            |                |              | SPL F                                 | SPL F  | SPL F  | SPL F  | SPL F | SPL F | SPL F | SPL F |
|        |            |                |              | 63 Hz                                 | 125 Hz | 250 Hz | 500 Hz | 1k Hz | 2k Hz | 4k Hz | 8k Hz |
| KTA50  | P734       | 1675           | 1400         | 76.7                                  | 79.5   | 79.1   | 66.4   | 61    | 74.5  | 80.1  | 84    |

| Engine | Alternator | Standby<br>kVA | Prime<br>kVA | Pressure Level dB(A) @ 1M - 100% Load |        |        |        |       |       |       |       |
|--------|------------|----------------|--------------|---------------------------------------|--------|--------|--------|-------|-------|-------|-------|
|        |            |                |              | dB(A)                                 | dB(A)  | dB(A)  | dB(A)  | dB(A) | dB(A) | dB(A) | dB(A) |
|        |            |                |              | SPL F                                 | SPL F  | SPL F  | SPL F  | SPL F | SPL F | SPL F | SPL F |
|        |            |                |              | 63 Hz                                 | 125 Hz | 250 Hz | 500 Hz | 1k Hz | 2k Hz | 4k Hz | 8k Hz |
| KTA50  | P734       | 1675           | 1400         | 75.9                                  | 78.7   | 78.3   | 65.6   | 60.2  | 73.7  | 79.3  | 83.2  |

| Engine | Alternator | Standby<br>kVA | Prime<br>kVA | Pressure Level dB(A) @ 1M - 75% Load |        |        |        |       |       |       |       |
|--------|------------|----------------|--------------|--------------------------------------|--------|--------|--------|-------|-------|-------|-------|
|        |            |                |              | dB(A)                                | dB(A)  | dB(A)  | dB(A)  | dB(A) | dB(A) | dB(A) | dB(A) |
|        |            |                |              | SPL F                                | SPL F  | SPL F  | SPL F  | SPL F | SPL F | SPL F | SPL F |
|        |            |                |              | 63 Hz                                | 125 Hz | 250 Hz | 500 Hz | 1k Hz | 2k Hz | 4k Hz | 8k Hz |
| KTA50  | P734       | 1675           | 1400         | 76.8                                 | 79.6   | 79.2   | 66.5   | 61.1  | 74.6  | 80.2  | 84.1  |