

# Containerized Soundproof Diesel Generator Set

This containerized diesel generator set offers reliable power generation with a Cummins engine. The soundproof enclosure ensures quiet operation and protection from the elements.



## ADDITIONAL IMAGES



## Overview

### High-Performance Containerized Power Solution

This containerized soundproof diesel generator set is engineered for reliable power generation in demanding environments. Featuring a super-silent canopy design and a high-performance residential muffler, it significantly minimizes noise levels for use in noise-sensitive areas. The unit is housed in a robust, weather-resistant container with integrated lifting points and forklift pockets, ensuring easy transportation and rapid deployment for industrial, commercial, or emergency backup applications.

## Performance Ratings



Comprehensive overview of the containerized genset features and power ratings across different voltages.

### Key Power Ratings

**1650 kVA**

Standby Power

**1475 kVA**

Prime Power

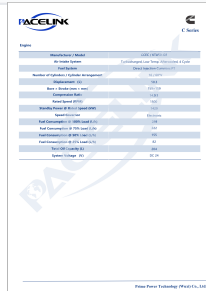
**1500 RPM**

Rated Speed

### Voltage Configurations (50Hz)

| Voltage (V) | Prime Amps (A) | Phase |
|-------------|----------------|-------|
| 380/220     | 2241           | 3     |
| 400/230     | 2129           | 3     |
| 415/240     | 2052           | 3     |

## Engine Specifications



Detailed technical specifications for the 16-cylinder diesel engine including fuel consumption rates.

### Engine Technical Data

- Configuration: 16 Cylinders, 60°V Arrangement
- Displacement: 50.3 Liters
- Aspiration: Turbocharged, Low Temp Aftercooled
- Fuel System: Direct Injection
- Compression Ratio: 14.9:1
- Governor: Electronic
- System Voltage: 24V DC

### Fuel Consumption (L/h)

| Load Percentage | Consumption Rate |
|-----------------|------------------|
| 100% Load       | 289 L/h          |
| 75% Load        | 222 L/h          |
| 50% Load        | 155 L/h          |
| 25% Load        | 82 L/h           |

## Alternator & Control

The image shows a technical data sheet for the alternator and control unit. It includes the FACELINK logo and a table of electrical performance data. The table lists parameters such as Rated Power, Rated Voltage, Rated Current, and Rated Frequency. Below the table, there is a section for 'Main Electrical Performance' with a table of parameters like Voltage Regulation, Power Factor, and Efficiency. A small image of the control unit is also visible on the right side of the data sheet.

Electrical performance data and monitoring parameters for the alternator and control unit.

### Alternator Features

- Type: Brushless, Single Bearing, Self-excited
- Insulation Class: H/H
- Protection Grade: IP23
- Voltage Regulation:  $\pm 1\%$
- Power Factor: 0.8

### Monitored Parameters

Voltage, Current, Oil Pressure, Water Temp, Fuel Level, Running Time, Battery Voltage, Frequency

## Enclosure & Physical

The image shows a technical data sheet for the enclosure and physical dimensions. It includes the FACELINK logo and a table of physical dimensions for containerized and open types. The table lists parameters such as Length, Width, Height, and Weight. Below the table, there is a section for 'Physical Dimensions' with a table of parameters like Containerized Type, Open Type, and optional upgrades. A small image of the enclosure is also visible on the right side of the data sheet.

Physical dimensions for containerized and open types, plus available optional upgrades.

### Container Dimensions

- Length: 12192 mm
- Width: 2438 mm
- Height: 2591 mm
- Weight: 15000 kg

### Canopy & Safety Features

- Soundproof/Silent type design
- High quality outdoor powder coating (Anti-corrosion/UV)
- Fully bunded base fuel tank (Environmental protection)
- Holistic disassembly structure for easy maintenance
- Earth straps on all doors for safety
- External lockable fuel inlet

## Compliance & Standards

### Standards Compliance

CE • ISO • GB755 • BS5000 • VDE0530 • IEC34-1