

# 1MW Ultra-Silent Power Station

This 1MW ultra-silent power station is designed for reliable and quiet power generation in demanding project environments. It features a robust enclosure for noise reduction and protection from the elements.



## ADDITIONAL IMAGES



## Product Overview



Engineered for minimal noise impact using professional simulation software.

### High-Efficiency Silent Power Generation

This 1MW project power station is engineered as a smart energy solution for noise-sensitive environments like construction sites, data centers, and urban events. Utilizing professional simulation software for CAE/NVH/CFD analysis, the unit achieves ultra-silent performance with noise levels controlled below 65dBA. The robust containerized design features intelligent temperature control and advanced sound insulation, ensuring reliable, long-term operation while reducing energy consumption.

## Performance Metrics

### Core Capacity

**1375 kVA**  
ESP Power

**1250 kVA**  
PRP Power

**65 dBA**  
Noise Level

## Technical Specifications

### General Specifications

Parameter	Value
Model	S1375CCS
Rated Voltage	400 V
Frequency	50 Hz
Engine	CUMMINS/KTA50-G3
Alternator	STAMFORD/LVI634G
Speed	1500 R/MIN
Weight	16500 kg
Dimensions	6058x2438x2896 mm

## Design Features

### Engineering Highlights

- Special box structure with high-efficiency sound insulation
- Built-in cabinet-type muffler providing >35dBa noise reduction
- Intelligent temperature control radiator saving >14kW mechanical power
- External engine intake system for easier maintenance
- Optimized fluid ventilation and low-vibration design

### Compliance & Quality

Noise Control, Weather Resistant, CAE/NVH/CFD Optimized