

1MW Ultra-Silent Power Station

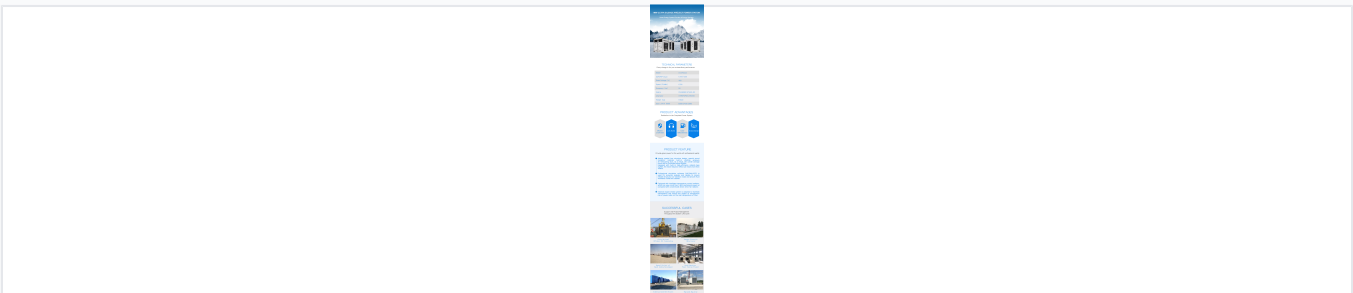
This 1MW ultra-silent power station is designed for reliable and quiet power generation in demanding project environments. It features a robust enclosure for noise reduction and protection from the elements.



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