

# **Fengjun 5 generator abnormal noise**



 **LFP 48V 100Ah**



## Overview

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How do I reduce genset noise?

Here's how to lower genset noise to an acceptable level. Generator noise sources include exhaust noise, mechanical noise from the engine, noise from the generator rotor passing the stationary poles, cooling system noise, and vibration. All of these noise sources must be addressed to achieve a quiet generator installation (see Figure 2).

Do gensets make noise?

The noise most typically associated with genset operation is diesel engine exhaust. Engine exhausts are notoriously loud, but reduction of this noise source is really quite simple. The engineer can select an exhaust silencer that provides the level of sound attenuation that matches the attenuation level required by the installation.

How do generator noise levels affect a generator?

Engine type: The type of engine used in the generator can also affect noise levels. Diesel engines, for example, tend to be louder than gas engines.

Enclosure design: The design of the generator's enclosure can play a significant role in reducing noise levels. Generators with sound-proof enclosures are typically much quieter than those without.

Why are generators so loud?

Generators are often loud due to the combustion process, mechanical vibrations, and cooling mechanisms. The internal combustion engine fuel to generate power, creating noise as a byproduct. Mechanical vibrations from moving parts, such as pistons and gears, also contribute to the noise.

How do you make a generator quieter?

Yes, there are many ways to make generators quieter, such as installing a muffler, using sound-dampening materials, and using advanced technologies

such as inverter technology to reduce engine noise. However, even with these measures, it may not be possible to completely eliminate all noise from a generator.

How much noise does a generator silencer reduce?

An industrial-grade silencer that reduces exhaust noise by 20-25 dB is used in areas where there are high, ambient sound levels, since the generator noise will not be noticeable. Where ambient sound levels are lower, such as residential areas, the most common silencer used reduces the exhaust sound level by 25-32 dB.

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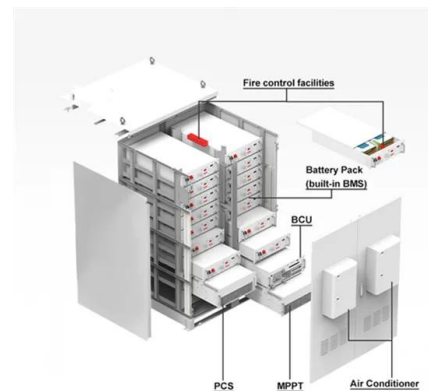


### Reasons for Generator Set Overheat And Abnormal ...

The noise of diesel generator mainly comes from diesel engine and generator. In order to reduce the noise of generator set, the main noise source should be controlled, and the key to the control is to find the main ...

### Solis Seminar ?Episode 57?: Troubleshooting Guide Abnormal Noise ...

Other sources of abnormal noise: analysis and solutions. Even after addressing abnormal fan noise, the inverter may still exhibit running noise. This could be attributed to the ...



### Lithium Solar Generator: \$150



### Sound Attenuation and Test Strategies for Generator Set

o Describe the fundamentals of acoustics relative to generator set installations. o Identify appropriate strategies for specifying sound requirements and test methods. o Recognize data ...

### Generator Noises : Top 3 Reason You Are Hearing ...

If any of the components in your generator are

loose, you will hear a knocking and rattling noise. A rattling noise could also be a result of insufficient oil levels. When the oil level is low, the generator will not receive ...

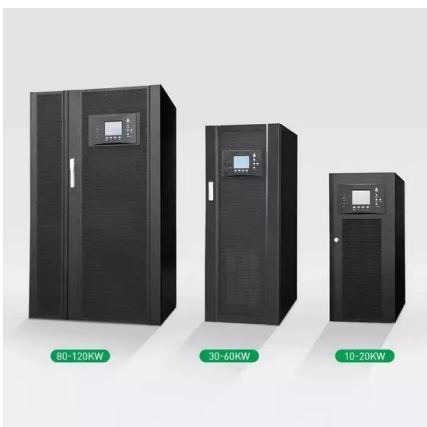


## Recent progress in battery electric vehicle noise, ...

Given that silent BEVs became popular recently, the reduction of the vehicle's road noise is gaining relevance. As far as the noise generation mechanism is concerned, Forssén et al. 16 developed a tool for tire-road ...

## What Is Wrong With The Abnormal Noise Of The Diesel Generator Bearing

Reason 5: The bearing bush of the diesel generator is too long or too short, and it rotates due to working deformation. Jiangsu Starlight Electricity Equipments Co.,Ltd. is a ...



## Generator Making Noise (Revving, Funny, Clicking, Popping, Knocking)

Invest in attenuators. Attenuators will absorb the sound a generator produces, reducing the noise to acceptable levels. 5). Use Water. Rather than installing a muffler, attach one end of a hose ...

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