

Title: Engine generator wikipedia

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What is an engine generator?

An engine-generator may be a fixed installation, part of a vehicle, or made small enough to be portable. In addition to the engine and generator, engine-generators generally include a fuel supply, a constant engine speed regulator (governor) in diesel and a generator voltage regulator, cooling and exhaust systems, and lubrication system.

What is a combination engine & generator?

This combination is also called an engine-generator set or a gen-set. In many contexts, the engine is taken for granted and the combined unit is simply called a generator. An engine-generator may be a fixed installation, part of a vehicle, or made small enough to be portable.

What kind of engine does an engine generator use?

Many engine-generators use a reciprocating engine, with fuels mentioned above. This can be a steam engine, such as most coal-powered fossil-fuel power plants use. Some engine-generators use a turbine as the engine, such as the industrial gas turbines used in peaking power plants and the microturbines used in some hybrid electric buses.

What is a diesel engine generating set?

The packaged combination of a diesel engine, a generator, and various auxiliary devices (such as a base, canopy, sound attenuation, control systems, circuit breakers, jacket water heaters, and starting system) is referred to as a "generating set"; or a "genset"; for short.

An engine-generator is the combination of an electrical generator and an engine (prime mover) mounted together to form a single piece of equipment. This combination is also called an engine-generator set ...

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A diesel generator (DG) (also known as a diesel genset) is the combination of a diesel engine with an electric generator (often an alternator) to generate electrical energy. [1] This is a specific case of an ...

The main parts common to all gas turbine engines form the power-producing part (known as the gas generator or core) and are, in the direction of flow: a compressor-driving turbine. Additional ...

It has a generator head with wires, spinning inside a magnetic field. The resulting electromagnetic induction

makes electricity flow through the wires. Hybrid electric vehicles carry a generator powerful ...

An engine-generator is the combination of an electrical generator and an engine (prime mover) mounted together to form a single piece of self-contained equipment.

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