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SME Use
Telecommunications
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Diesel Generator FAQs

Part No.

Product Description

At Adept Power Solutions we supply a comprehensive range of diesel generators either as standalone systems or as part of a larger power continuity program.

We can supply, install, commission and maintain your entire diesel generators solution, providing a combination of great service and cost effective solutions.

What is a Diesel Generator?

Diesel generators are one of the most common forms of standby power in the world.

A diesel generator produces electricity through a combination of a diesel engine with an electric generator. The power of the diesel generator is transformed by the alternator into a usable electrical current. This reliable source of power is often used by many businesses and homes for protection against power failure.

Do I Need a Diesel Generator?

Diesel generators are commonly used by a variety of different organisations including data centers, banks, hospitals and factories. It's vital to take action on your power back-up - no business is too big or small to have a diesel generator solution in place.

When Should I Use a Diesel Generator?

A UPS system will provide power protection during power disturbance and blackouts, but it is not designed to deliver backup power indefinitely – if your business's critical power source must remain online, a standby generator is crucial to assist your existing UPS system.

What Size Diesel Generator Do I Need?

The generator must have sufficient capacity and be of a size to correctly recharge the UPS batteries and cover the conversions losses of the UPS.

Generally, the maximum step load of generators falls around 65% of the total rated capacity of the generator. A generator must be sized at 172.5k or 72.5% larger than the UPS – a 100kVA UPS for example, can draw 115kVA so this size will work to accommodate the step load.

What Diesel Generator Services do APS Provide?

We supply diesel generator engines from Tier one manufacturers, ensuring excellent reliability and high quality when you need it most – these include, Perkins, Cummins, Deutz, Volvo & Iveco.

Our Diesel Generator Solutions Include:

- Diesel Generator Maintenance.
- Diesel Generator Installation.
- Emergency Rapid Response UK wide.
- Diesel Generator Servicing.
- Load Bank Testing.
- Diesel Generator Acoustic and weatherproof enclosures.
- Automatic mains failure panels.
- Diesel Generator Commissioning.
- Emergency fuel fill services.
- Extended fuel tanks.
- Full delivery.

Would You Like to Know More?

Regardless of the simplicity or complexity of your diesel generator requirements we are confident that our professional solutions will ensure you receive the appropriate support for your critical business activities. [Contact](#) our team today!