



Amman energy storage for backup power

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Saraya Jordan Energy Systems and Smart Solutions: Your Trusted Source for Power and Renewable Energy Solutions in Jordan. Leveraging 15+ years of engineering expertise, we offer comprehensive solutions in electric power, renewable energy, UPS systems, diesel generators, and battery storage systems.

We listen carefully to customers to understand their electrical problem, and make Initial consultation and proposal with customer, then we begin to analyze the problem and schedule an appointment to make the necessary checks through the best testing devices related to finding a solution to this problem.

project hand over and we committed to providing independent advice to meet our clients exacting expectations. We never compromise on after sales service, and can adapt any solution to suit you.

The ATS (automatic transfer switch) is responsible for transferring power from a standard source to emergency power. It recognizes when the usual power system fails and automatically jumpstarts the generator into backup action. When the normal energy source regains power, the ATS automatically transfers power back to the original source and turns off the generator. Automatic transfer switches are commonly utilized in data centers, telecommunication networks and manufacturing plants

Standby power generators are typically used in emergency situations when the power goes out. This type of generator is ideal for applications in which there is another reliable continuous power source. It is recommended to only use this type of generator throughout the duration of the power outage and during maintenance and testing.

Prime power ratings have an "unlimited" run time, which means they can be used as a main source of power and not just as a backup. This type of generator is often used on job sites where there is no traditional power source, such as in mining or oil operations, or in remote locations with no power grid. Continuous power is comparable to prime power in a number of ways but stands apart because it has a base load rating. While it can offer a consistent and regular power supply, it cannot handle overload conditions and doesn't work well with variable loads.

The answer to this question depends on how often you plan to use your generator. If power outages and blackouts are a common occurrence, it'll pay off rather quickly to purchase a generator. Just because you don't plan to use a generator that often doesn't mean it'll be a waste of an investment to buy one. Standby generators can survive decades, slowly but surely paying for themselves. We offer generators for rent and for sale. We can help you decide on the most cost-effective option for you.

Small to medium UPS batteries generally have a 4-5 years design life, this can vary depending on the number and depth of discharges together with the environmental conditions i.e. temperature. For larger UPS systems



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batteries with an 8-10 years design life are generally used. We advise that the UPS batteries are checked/tested/discharged periodically to ensure that they still function correctly.

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