



Solar ups electric

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Solar and AC or DC UPS One type of hybrid system is a UPS/Solar system that combines solar power for backup when utility line power fails. This solution is useful in remote areas prone to lengthy weather-related power outages. Incorporating solar power to top off UPS batteries when utility line power is down ensures a reliable and continuous energy supply.

Integrating solar and propane generators combines solar energy's sustainability with a generator's power capability, providing a versatile solution. Hybrid systems using solar and a generator are ideal for sites where solar alone is insufficient year-round, for example, in cold locations where batteries require heating.

The MultiGen[®] is a hybrid power hub with dual power sourcing through its integrated solar array and propane electric generator. Solar power maintains the batteries, while the propane generator is an added backup. For devices with different voltage loads, a MultiGen is ideal as a power hub, operating multiple loads using the battery bank.

When the system detects a preset low-charge battery voltage, it activates the propane generator. The generator starts up, runs at peak efficiency to recharge the battery bank, then subsequently shuts down. This process eliminates the need for a continuously running generator.

The MultiGen significantly reduces emissions, noise levels, fuel consumption, maintenance requirements, and wear by reducing the generator's run duration. During the summer, the generator may not need to run at sites with light loads, such as control systems, valve actuation, or motion-activated lighting. The generator is activated in winter when sunlight is reduced, and more power is required to power enclosure heaters to maintain batteries at the required operating temperature.

Our foundation is in the energy sector, but Solarcraft has advanced into Telecommunications, Transportation, Utilities, and Surveillance, building recognition for our quality solutions in these markets.

We value your inquiries and feedback. Please use the Contact Form to reach a representative for questions, quotes, support, or other information. We will respond as quickly as possible. Our business hours are Monday through Friday, 7 AM to 5 PM CST.

A UPS is an investment as it helps during a power outage. For example, if the power goes out at an important event, you can have peace of mind knowing that your mission-critical equipment would still operate with constant access to electricity.



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