

Introducing the MultiGen™ Hybrid Electric Power Hub

The MultiGen™ Hybrid Electric Power Hub is a high-efficiency sustainable power source for operating large intermittent electric loads without grid power. Instead of continuously running a generator to power an intermittent load, the MultiGen intelligently powers the load using a Lithium battery bank. The MultiGen is a smarter, greener power solution that delivers reliable power when its needed.

The MultiGen is a hybrid power hub, with dual power sourcing through its integrated solar array and propane electric generator. Solar power keeps the batteries charged while the propane generator acts as a backup.

The propane generator is activated when a preset low charge voltage is detected. The generator starts up, operates at peak efficiency to charge the battery bank, and then switches off, eliminating a continuously operating generator. The battery bank quietly powers the load without any interruption.

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- 24VDC, 48VDC, 120VAC and 240VAC output; 3-phase available
- Large single voltage loads, or small multiple voltage loads
- Multiple connection ports
- Lithium LiFePO4 batteries for dense power storage
- Structurally integrated solar array generates power to charge batteries
- Propane fueled electric generator for reliable starting in severe cold weather
- Remote system monitoring included to keep an eye on fuel level, load size and battery state-of-charge
- Available in sizes ranging from 10kVA to 90kVA



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Solarcraft's MultiGen easily replaces continuously running generators for powering large intermittent loads. Because the generator does not run continuously, emissions, noise, fuel consumption, maintenance, and wear on the generator are reduced.

In situations where the load is light (control systems, valve actuation, motion activated lighting), the generator may not be required at all in summer, and only activate in winter when less sunlight is available. This has tremendous benefits in remote northern locations where a generator is needed to power cabinet/ enclosure heaters to keep equipment within operating temperature.

For devices with multiple voltage loads, a MultiGen is ideal as a power hub, operating multiple loads using the battery bank.

Every site and application is different, and there is a MultiGen model sized to meet your needs.

Call us to discuss your application at 877.340.1224 or visit us at solarcraft.net.



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