

RENEWABLE ENERGY SOLUTIONS

5kW Solar Kit



Be a Leader.

Get Started with Solar



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Johnson Controls wants to help you get started with solar. We've created an easy product and process for renewable energy leaders like you. Our 5kW Solar Kit allows for a quick and robust installation that immediately delivers renewable energy, reducing the amount of power you need to purchase from your utility. The kit features SolarWorld high efficiency, mono-crystalline silicon solar modules with TOPS (Textured Optimized Pyramidal Surface) technology. SolarWorld is known throughout the industry for its product quality and performance, reputation, financial strength and customer service.



The 5kW kit gets you started with solar: PV modules, inverter with built-in disconnects, mounting rack, specification sheets, warranties.

Everyone can benefit

Solar photovoltaic (PV) energy offers many benefits:

- Hedge against rising fuel costs
- Reduce peak energy demand
- Reduce CO₂ emissions
- Demonstrate environmental stewardship
- Take a leadership stance

No matter where you live, you can harness the sun's power. Your location and setting will result in different energy production and environmental benefits. Your Johnson Controls representative can help you define the costs and benefits of investing in a solar PV electric generation system.

The technology in the 5kW Solar Kits produces more delivered energy when compared with other solar modules. With superior construction and high energy performance, this solution is the right one for a wide variety of applications.

Larger systems can offer even greater benefits

These solar kits can be used as building blocks, making it possible to expand the system to 10 or 15kW very easily. Systems over 15kW will typically be individually designed.

Let Johnson Controls get you started with solar

Johnson Controls is the renewable energy, and water and energy efficiency leader known for helping customers develop smart, sustainable environments. Let us help you design and install a renewable energy solar kit for your commercial environment. The system can be mounted to a roof or to a ground space location. Since each setting is unique, our experts do an on-site evaluation to determine all of the specifics and engineering necessary for your situation.

We can also help you showcase your leadership through a packaged public relations program that is easy and effective for you to implement in your area.

Examples involving 5kW installations include:

Boston, MA:

- Net energy savings of up to \$84,000 over 30 years
- Produce/save 5,949 kWh of electricity in the first year
- Eliminate 9,096 lbs of CO₂ emissions in the first year

Boca Raton, FL:

- Net energy savings of up to \$64,000 over 30 years
- Produce/save 7,212 kWh of electricity in the first year
- Eliminate 11,546 lbs of CO₂ emissions in the first year

Kansas City, MO

- Net energy savings of up to \$50,000 over 30 years
- Produce/save 7,091 kWh of electricity in the first year
- Eliminate 17,271 lbs of CO₂ emissions in the first year

Los Angeles, CA

- Net energy savings of up to \$83,000 over 30 years
- Produce/save 7,648 kWh of electricity in the first year
- Eliminate 10,435 lbs of CO₂ emissions in the first year

The savings and emissions are estimates assuming a 7% inflation rate and local electric rates.

Learn more about the 5kW Solar Kits by emailing Johnson Controls at be-a-leader@jci.com or visit us on the web.

www.johnsoncontrols.com/renewables

Solar is smart.