



# An Integrated Energy Harvesting System Using Solar Power and Thermoelectric Generators

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## Description of Technology

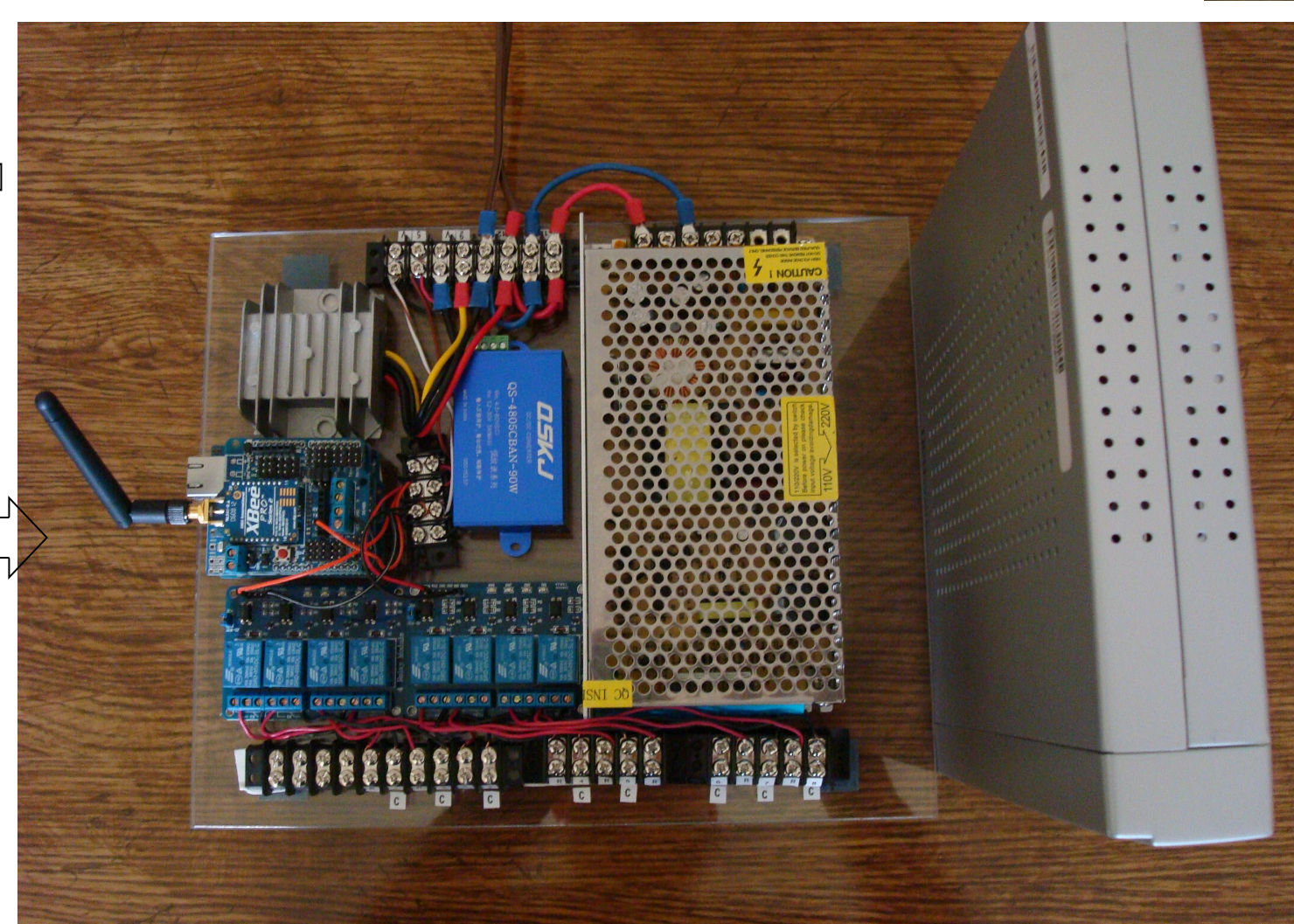
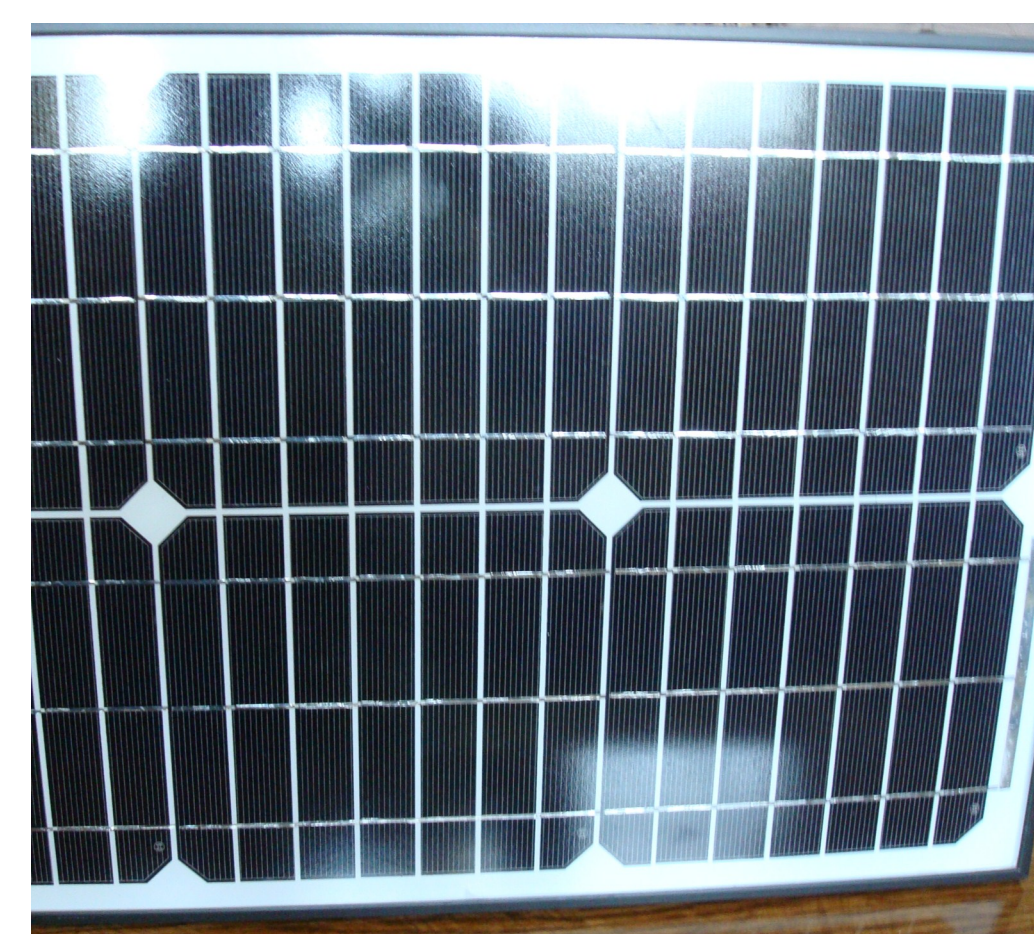
This integrated energy harvesting system includes green energy generation resources, secondary power reservoir subsystem (super capacitor, battery) and consumption devices; related energy source monitoring; and energy/power management and dispatching subsystems for residential, automobile, and a wide array of potential applications. It can harvest solar power and wasted heat energy through a combination of thermoelectric generator (TEG) and solar cells to produce the power to charge, energy output for powering thermoelectric coolers, air fan, and LED lighting devices.

## Technology Features

Applicable industries : Residential green energy, and/or automobile accessories manufacturers.

## Technology contact:

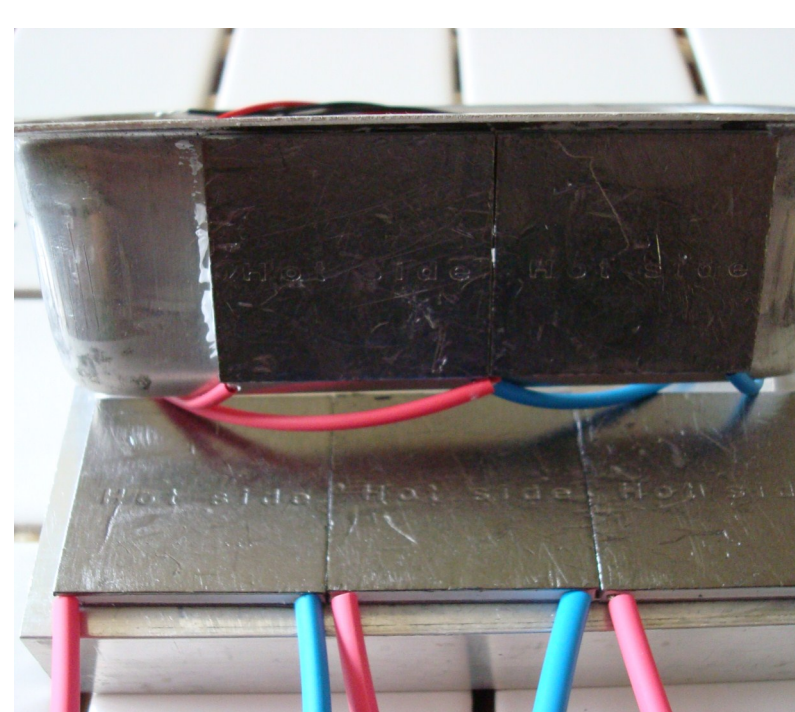
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Wireless DAQ, Monitoring, and Control System



Electronic Cooling Machine



Thermal Electric Generators

