

# Sun Tracking using Solar System Arduino

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**Abstract:** *In this paper, a solar tracking system using Arduino Uno is designed and built. The system collects free energy from the sun stores it in the batteries and then converts this energy to the respective alternating current. It makes the energy usable in normal homes as an independent power source.*

**Keywords:** 1 x Arduino Uno, x Servo motor, x Solar panel 2 x LDR,x 10k Resistor

