

Design and manufacture of a solar battery controller and monitoring system via phone

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Abstract: In the context of the increasing use of clean energy, this topic focuses on designing and manufacturing an automated system to efficiently manage solar batteries via mobile phones. The objective of the research is to build an easy-to-use user interface that allows users to monitor and adjust battery status remotely. The method combines electronic technology theory with experimental implementation of applications on mobile devices. The expected results will confirm the system's efficiency and flexibility, contributing to enhanced sustainable energy management.

Keywords: Solar energy, Mobile phone, Automatic control, Monitoring system, Electronic technology