

# **Abstract**

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## **Maximum power battery charging from PV system microcontroller based**

This paper aims to get the maximum power from the Photovoltaic generators given I-V characteristics that vary with solar insolation and temperature. Then the paper describes a technique for charging a battery from solar panel at optimum set point condition using ATmega 32 microcontroller. Simulation with Protues software is performed to be compared with practical result.