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(57) Abstract :
This invention provides an IoT based solar tracking system using deep learning analysis and method thereof. The system includes, but not limited to, a plurality of solar panel arrays connected through an IoT network having a distinct maximum power point; a charging controller unit for regular tracking of the plurality of solar panel arrays in search of multiple power peak detection point using a deep learning interface; a processing unit provided with a convolutional neural networking module for receiving input from the charging controller unit and provide same to a battery of the solar panel connected cell; and a memory device communicatively coupled with the processing unit for storing a plurality of data values.

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