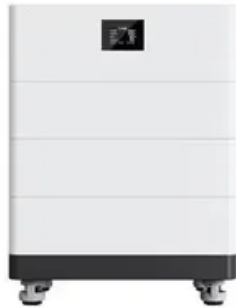


Strawberry greenhouse solar power generation



Strawberry greenhouse solar power generation



Study On Photovoltaic Modules On Greenhouse Roof For Energy And

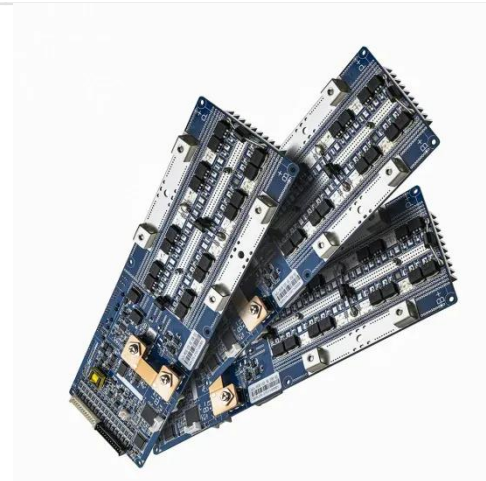
The aim of this study was to investigate the effect of PV modules mounted on top of a greenhouse, on the growth of strawberries and microclimate conditions as well as to estimate the generated energy.

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Growth and Physiological Characteristics of Strawberry Plants

In this study, the effect of shade from semi-transparent photovoltaics on a strawberry crop (*Fragaria x ananassa* Duch.) was examined, in terms of growth and quality (phenolic and flavonoid concentration ...

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The Effect of Temperature and Light On Strawberry

This study investigates the effects of temperature and light on strawberry production in a solar greenhouse equipped with opaque photovoltaic (OPV) modules and a solar combined air source ...

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Energy-Life cycle assessment on applying solar technologies for

In this research, energy-environmental indices of GH strawberry production are studied without and with applying solar technologies scenarios in Alborz province of Iran.

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Design of a low-cost active and sustainable autonomous system for

In this context, this study examines an automatic solar system installed in a south-facing agricultural greenhouse and its effect on the growth of strawberry plants in winter.

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The effect of temperature and light on strawberry production in a solar

Strawberry production is greatly affected by environmental factors, especially temperature and light. A solar greenhouse with opaque photovoltaic (OPV) modules and a solar combined air

...

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Solar Strawberry Fields Forever

Through optical micro-tracking technology, the modules can generate energy but also leak the light when



necessary -- creating a 'smart' shade that automatically adjusts the light. This process ...

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