

With the increase in population globally, a big problem has been raised, which is food supply. A remedy to this problem is to use an ancient practice of sun drying to preserve harvests, ...

Experimental setup. The site is located in the department of Say (13°10.1969'N and 002°19.0080'E), 40 km from Niamey (Niger). The built greenhouse covered an area of 50 ...

An optimal design scheme of grid photovoltaic panels to replace large photovoltaic panels is proposed, and the integrated application effect with Chinese solar greenhouses is simulated. ...

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.

Design of Hybrid PV Integrated Greenhouse Dryer It is having three-tier drying system which may be used for drying of different crops simultaneously. Each tier consists of two wire mesh trays, ...

comprehensive literature survey on the integration of photovoltaic systems in greenhouses, this work describes the results of an experience carried out at Almería (South Eastern Spain), ...

In order to study the adaptability of photovoltaic greenhouses to climate in tropical areas, a photovoltaic greenhouse model (photovoltaic panel coverage rate: 76.9%) was built in this ...

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