

By integrating all the equivalent circuits, a complete circuit model is built for the PV bracket system. The lightning transient responses can be obtained from the circuit model. In

simulation of lightning transients in PV bracket systems. The circuit models have been built for calculating the lightning transient responses in PV bracket systems [10-12], from which the ...

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Under three typical working conditions, the maximum stress of the PV bracket was 103.93 MPa, and the safety factor was 2.98, which met the strength requirements; the hinge joint of 2 rows of PV brackets had large deformation, ...

In order to achieve the effective use of resources and the maximum conversion rate of photovoltaic energy, this project designs a fixed adjustable photovoltaic bracket structure ...

Exploration of optimal design of photovoltaic bracket structure. Construction Engineering Technology and Design. 2016; 32 (017): 488,91. ... Assessment of solar energy resources in ...

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