

[17] Li J, Lu XY, Chen SY. Research progress of structural optimization design theory and method. Engineering Construction. 2007; 39 (6): 11. Google Scholar ... Exploration of optimal ...

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A PV bracket system is typically constructed by a series of tilted, vertical and horizontal conductor branches as shown in Figure 1. During a lightning stroke, the lightning current will inject into ...

Taking a flexible PV bracket with a span of 30 m and a cable axial force of 75 kN as the research object, we investigate the variation patterns of the support cables and wind-resistant cables under temperature decrease ...

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Photovoltaic Bracket -Nanjing Chinylion Metal Products Co., Ltd.-Photovoltaic bracket is mainly applicable to distributed power stations, rooftop power stations, household, commercial and ...

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 ...

The lightning transient in the DC side of a PV system is studied, including DC cable, PV modules and the bracket, as shown in Fig. 2.15 The equivalent circuit of the bracket ...

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