

Espay Solar Energy S.L.

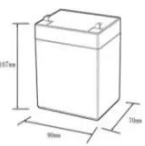

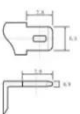
Photovoltaic support truss solution



3.2v 280ah



Photovoltaic support truss solution

12.8V6AH

Nominal voltage (V):12.8
 Nominal capacity (ah):6
 Rated energy (WH):76.8
 Maximum charging voltage (V):14.6
 Maximum charging current (a):6
 Floating charge voltage (V):13.6~13.8
 Maximum continuous discharge current (a):10
 Maximum peak discharge current @10 seconds (a):20
 Maximum load power (W):100
 Discharge cut-off voltage (V):10.8
 Charging temperature (°C):0~+50
 Discharge temperature (°C):-20~+60
 Working humidity: <95% RH (non condensing)
 Number of cycles (25 °C, 0.5c, 100%dod): >2000
 Cell combination mode: 32700-4s1p
 Terminal specification: T2 (6.3mm)
 Protection grade: IP65
 Overall dimension (mm):50*70*107mm
 Reference weight (kg):0.7
 Certification: un38.3/msds

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Wind-induced vibration response and suppression of the cable-truss

The flexible photovoltaic module support system, which can be used in complex and long-span environments, has been widely studied and applied in recent years. In this study, the wind ...



Analytical Formulation and Optimization of the Initial

The initial morphology of the double-layer cable truss flexible photovoltaic support is optimized, and the optimization results of different deflection deformation limits and whether the lower ...



Improvement of the flexible support

photovoltaic module ...

Abstract The flexible support photovoltaic module structure system has advantages such as large span, fast construction speed, and suitability for complex environments. However, this kind of system has ...

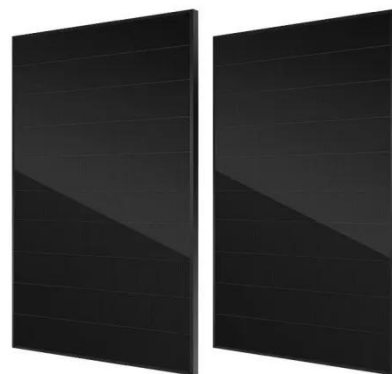


Design framework for double-layer flexible photovoltaic support

The double-layer flexible PV support structure (Fig. 1 (b)) improves performance by incorporating lower cables, similar to those in under-deck cable-stayed bridges. In this system, the ...

(PDF) Study on mechanical properties of a 35-meter-span ...

To improve the span and stiffness and widen the application scene of the flexible photovoltaic support system, a new type of three-dimensional cable-truss flexible photovoltaic ...



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Photovoltaic flexible support truss

ate power with photovoltaic arrays. Rigid-body and lexible-body dynamic char& #173; The support truss that forms the space-station keel, th The invention discloses an arch-supported flexible ...



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