

**Espay Solar Energy S.L.**

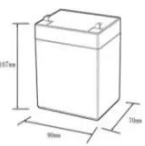

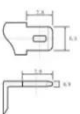
# **Photovoltaic support truss solution**



**3.2v 280ah**



## Photovoltaic support truss solution

**12.8V6AH**

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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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Huijue Group offers industrial and commercial energy storage, PV-BESS -EV Charging, Off-grid / On-grid Microgrid, telecom site solutions, and home solar energy storage, ensuring ...

### 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 ...

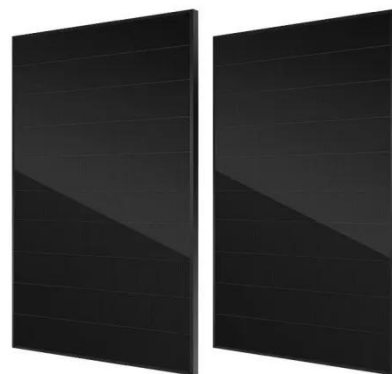


## Design framework for double-layer flexible photovoltaic support

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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Discover the 5 best roof truss modifications to safely support solar



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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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