

Baolisheng Steel Pipe Photovoltaic Support Liu Lei





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[Lei Liu \(0000-0003-0443-0414\)](#)



Strengthening mechanism and precipitation behavior of advanced ultrahigh-strength titanium microalloy weathering steels for photovoltaic support. *Materials Characterization*. 2024 , ...

A Research Review of Flexible Photovoltaic Support Structure

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Experimental study on a heat-pipe photovoltaic/thermal system

In this study, a novel heat-pipe photovoltaic/thermal (HP-PV/T) collector is proposed. Compared with the traditional water-type PV/T collector, a heat-pipe photovoltaic/thermal collector does ...

Lei LIU , PhD candidate , Master of Engineering

This study investigates the strengthening effect of Ti microalloying on the tested steel by conducting continuous cooling transformation tests of undercooled austenite and comparative ...



Lei. ZHAO , Professor , PhD , Chinese Academy of Sciences, ...

Photovoltaic (PV) industry in China shows more growth potential because of the favorable political support, deep market penetration will be expected to follow. S. L. Liu; Lei. Zhao



A novel dual condensers heat pipe photovoltaic/thermal (PV/T) ...

pipe Multi-objective optimization
Photovoltaic/thermal system Earth-air heat
exchanger A B S T R A C T This research is
dedicated to the numerical assessment of the ...



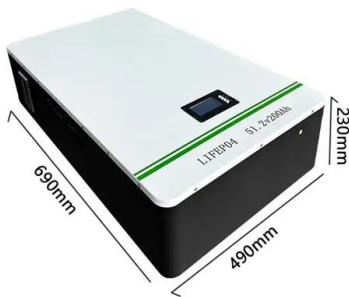
Frost jacking characteristics of steel pipe screw piles for

In this study, the frost jacking characteristics of steel pipe screw piles for photovoltaic support foundations in high-latitude and low-altitude regions are studied via in situ tests and numerical ...



Strengthening mechanism and precipitation behavior of advanced

Strengthening mechanism and precipitation behavior of advanced ultrahigh-strength titanium microalloy weathering steels for photovoltaic support. Feng Zhou, Lei Liu, +2 authors. ...



Lei-Lei Liu's research works , Central South University, ...

Lei-Lei Liu's 32 research works with 650 citations and 3,547 reads, including: Combined influence of rotated transverse anisotropy in mechanical parameters and hydraulic conductivity of soils ...

Strengthening mechanism and precipitation behavior of advanced

Compared with Q235, the corrosion rate of Type 2 is the most suitable in the three types of weathering steels for photovoltaic supports and decreases by 30.3% after 20 ...



Strengthening mechanism and precipitation behavior of advanced

This study developed an 800 MPa grade ultrahigh-strength titanium microalloy weathering steel for photovoltaic support with yield and tensile strengths of 869 MPa and 956 ...



Review on the development of marine floating photovoltaic ...

DOI: 10.1016/j.oceaneng.2023.115560 Corpus ID: 260914776; Review on the development of marine floating photovoltaic systems @article{Shi2023ReviewOT, title={Review on the ...

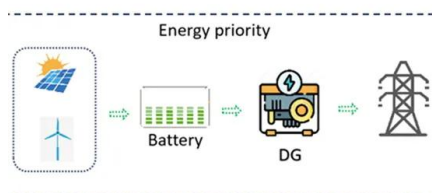


?Lei Liu(??)?

Strengthening mechanism and precipitation behavior of advanced ultrahigh-strength titanium microalloy weathering steels for photovoltaic support F Zhou, L Liu, X Chu, Y Zhao, Z Zhao ...

Strengthening mechanism and precipitation behavior of advanced

In this study, ultrahigh strength weathering steel of 800 MPa grade for photovoltaic support was developed using thermomechanical machining control processing ...



Field load testing and numerical analysis of offshore photovoltaic

This study investigates the horizontal load-bearing properties of steel pipe piles used in offshore photovoltaic systems by conducting field tests with single-pile horizontal static loads and ...



[Liu JIE , IC design , Research profile](#)

The grid-connected photovoltaic system is the trend of the photovoltaic system. On the basis of the analysis of the equal circuit about the solar cell and the character curve, for the two-stage



Lei Li (???)

2022. Articles 1-20. Assistant Professor, Beijing Institute of Technology - Cited by 1,978 - Battery Safety - Thermal Runaway - Electric Vehicle - Li-ion Battery - Thermal

Development of low-cost weathering steel for photovoltaic supports

India's solar market, especially solar photovoltaic, has seen significant growth after the launch of the Jawaharlal Nehru National Solar Mission in 2010.



[Lei Liu \(0000-0003-0443-0414\)](#)

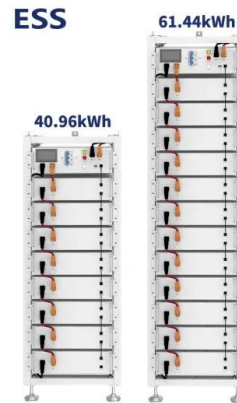
Strengthening mechanism and precipitation behavior of advanced ultrahigh-strength titanium microalloy weathering steels for photovoltaic support Materials Characterization 2024 , Journal ...





A Review on the Heat Pipe Photovoltaic/Thermal (PV/T) System

The Photovoltaic/thermal (PV/T) system combines the conventional PV panel with solar collector into one integrated system, which could achieve the function of generating ...



Lei LIU , PhD candidate , Master of Engineering

The novel 47Mn3CrNbV hot-stamped steel shows high hardenability and low critical-cooling rate about $0.5\text{ }^{\circ}\text{C s}^{-1}$ due to its high carbon and high chromium.

Safety and stability analysis of variable cross-section disc-buckle

DOI: 10.1016/j.ijpvp.2022.104831 Corpus ID: 253030827; Safety and stability analysis of variable cross-section disc-buckle type steel pipe high support system @article{Dong2022SafetyAS, ...



Research and Design of Fixed Photovoltaic Support Structure ...

The results show that: (1) according to the general requirements of 4 rows and 5 columns fixed photovoltaic support, the typical permanent load of the PV support is 4679.4 N, ...



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