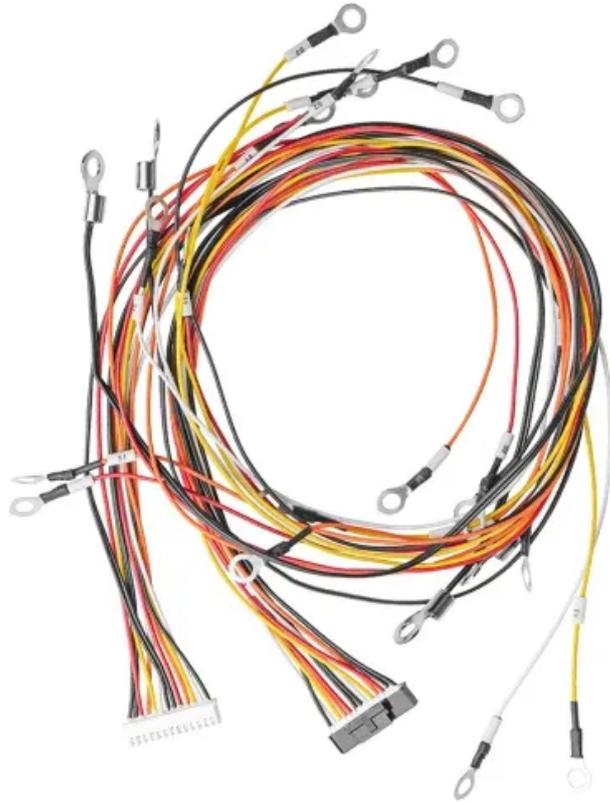


# Jinyue Solar Power Generation



## Jinyue Solar Power Generation

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### Yan, Jinyue (0000-0003-0300-0762)

This chapter reviews the configurations of solar water pumping systems for irrigation, highlighting the water-food-energy nexus aspects and recent advances, reviewing case studies, and analyzing the ...

### ?Jinyue Yan?

?Chair Prof. Energy Engineering, Hong Kong PolyU, MDU & KTH? - ??Cited by 39,335?? - ?energy systems? - ?CCS? - ?renewable energy? - ?power generation? - ?climate change mitigation?



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### Jinyue YAN , Editor-in-Chief , PhD , Research profile

The focus of this paper is on the estimation of building roof area for solar PV systems, potential solar PV installed capacity and power generation in Vasteras, a typical Swedish

### Jinyue Yan's research works , The Hong Kong Polytechnic University

With the great increase in installation, photovoltaics will develop as the main power supply source for the world shortly. However, the actual power generation and lifetime of photovoltaics

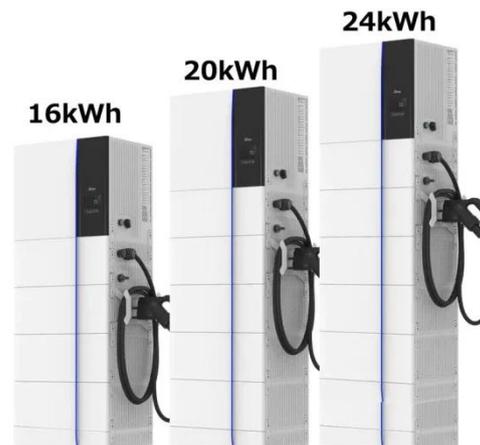


### **Yan, Jinyue (0000-0003-0300-0762)**

To evaluate the power generation performance of the system, the kinematic and dynamic models of the wave energy converter with the flywheel are established, and the disengagement and engagement ...

### **Deploying mobilized photovoltaic system between northern and ...**

The cost, energy consumption, power generation, and economic benefits of the proposed mobilized PV system are investigated and compared with traditional fixed PVs.



### **PolyU develops hydrogel coating for solar panels, boosting power**

Findings from the PolyU research team showed that applying this hydrogel coating to solar panels could reduce hot-spot temperatures by up to 16°C and

enhance power output by as ...



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### **Jinyue YAN , Editor-in-Chief , PhD , Research profile**

Solar-assisted post-combustion carbon capture system is studied to compensate the energy penalty of coal-fired plant due to absorbent regeneration. The system is highly integrated with the



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### **PV potential analysis through deep learning and remote sensing ...**

To investigate the land use classification in urban areas and its impact on the feasibility of solar panel installations and power generation potential, this study addresses two main challenges.



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