

BLINK SOLAR

Solar panel intention



Overview

Does informational and normative social influence the willingness to buy solar panels?

Drawing on the earlier mentioned literature, we hypothesized that examining the impacts of informational and normative social influence on the willingness to buy solar P.V. panels later convert into purchase intention should be a unique research field in the sustainable purchase intention.

Do variables affect the intention to adopt solar photovoltaic technology?

The effect size analysis investigates the impact of various variables on the intention to adopt solar photovoltaic technology, with the results presented in Table 3. Initially, it is observed that all variables, except for “Perceived Cost-benefit” and “Perceived Behavioral Control”, pass the significance test ($p < 0.05$).

Does willingness to buy solar panels lead to purchase intention?

Past research proposes that willingness to buy is positively associated with purchase intention (R. Zhao et al. 2018a). This study hypothesized that willingness to buy solar P.V. panels leads to the actual purchase. H4: Willingness to buy solar P.V. panels has a positive relationship with purchase intention.

What factors affect purchase intention of solar PV panels?

Attitude factors have been highlighted as important factors to affect purchase intention of solar P.V. panels, and they explain how people perceive the attributes of technology compared to other substitutes (Bondio et al. 2018). Vasseur and Kemp (2015) studied the effects of perceived relative advantage and complexity of the innovation.

Solar panel intention



Social support, source credibility, social influence, and solar

Solar photovoltaic panels are green products that can alleviate the threat of global warming, but the rate of adoption remains low. This research explores the social influence on ...

Examining public intentions and attitudes toward solar rooftop panel

The study investigates the intention of adopting solar panels and incorporating renewable energy sources into the electrical mix, providing insightful information on the ...



Exploring factors influencing intention and actual usage in ...

The current slow adoption of solar PV in Indonesia underscores the need to thoroughly evaluate the factors driving this trend; in particular, understanding the barriers to ...



Solar PV Analysis of Shanghai, China

Ideally tilt fixed solar panels 28° South in Shanghai, China To maximize your solar PV system's energy output in Shanghai, China (Lat/Long 31.2222, 121.4581) throughout the ...



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Ideally tilt fixed solar panels 28° South in Shanghai, China To maximize your solar PV system's energy output in Shanghai, China ...



The intention to adopt photovoltaic systems: integrating ...

The inclusion of social curiosity in the model revealed that the belief in the personal benefits of solar panels had the most powerful direct and overall impact on interest. This was ...



(PDF) The intention to adopt photovoltaic systems: ...

The inclusion of social curiosity in the model revealed that the belief in the

personal benefits of solar panels had the most powerful direct and overall impact on interest.



Determinants of Solar Photovoltaic Adoption Intention ...

In recent years, research on the intention to adopt solar photovoltaic technology has yielded rich results. However, controversy still exists regarding the key antecedents of ...



Energy storage(KWh)

102.4kWh

Nominal voltage(Vdc)

512V

Outdoor All-in-one ESS cabinet



Measuring The Attitude to Shift and The Intention to Use Solar Panel ...

The use of solar panels as renewable energy in Indonesia experienced significant growth in 2024 although it was still below the expected prediction. Hope to develop the Technology ...

Influence of government policies, environmental concerns, ...

Influence of government policies, environmental concerns, and attitudes

toward solar panel purchase intention
Journal of Cleaner Production (IF 10)
Pub Date : 2025-01-19, ...



Predicting intention of residential solar installation: The role ...

In this study, we investigated the relationships between personal traits (sustainable lifestyle and consumer innovativeness), psychological and physical benefits ...

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