



## 410w - 440w Black Frameless Solar Panel Public Buildings Solar Bifacial Panels CE

Our Product Introduction

### Basic Information

- Place of Origin: China
- Brand Name: Linksun
- Certification: CE
- Model Number: LS-D410-440M-108
- Minimum Order Quantity: 100PCS
- Packaging Details: 1 pcs/carton
- Delivery Time: 5-8days
- Payment Terms: 30% TT in advance, 70% balance before delivery
- Supply Ability: 1000pieces per week



### Product Specification

- Product Name: Bifacial Frameless Solar Panel
- Solar Cell: N Type Mono-crystalline ,182x91mm
- Application: Roofs, Canteens, Large Public Buildings
- Contract Dimensions: 1722\*1134\*5.5mm(67.80x44.65x0.22 Inches)
- Benefits: Good Weather Resistance And Reliability, More Convenient Installation, And Higher Power Generation Efficiency
- Back Sheet: Transparent
- Warranty: 5 Years
- Protection Class: IP68 Rated
- Front Material: 2.0mm Ultra Clear Embossed Double Layer Colorless Glass
- Output Cables: 4.0 Mm<sup>2</sup>(0.006 Inches<sup>2</sup>),Length:1100mm
- Back Material: 2.0mm Black Mesh Glazed Tempered Glass
- Highlight: **410w black Frameless Solar Panel, 440w Frameless Solar Panel**

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## Linksun Mono Bi-facial 410-440w Double glass,frameless M10 TOPCON for large public buildings

The 410W - 440W Black Frameless Solar Panels are designed for public buildings, offering a sleek appearance and high efficiency. Featuring bifacial technology, these panels capture sunlight from both sides, enhancing energy output. The frameless design and CE certification ensure durability, safety, and easy installation. Ideal for large-scale installations in schools, hospitals, and other public infrastructures, these panels provide reliable and sustainable energy solutions, maximizing cost savings and environmental benefits.

### Product Features:

#### 1)High aesthetics

The overall frameless design of the double glass frameless photovoltaic module is more aesthetically pleasing and can be integrated into the exterior of the building.

#### 2)Good weather resistance and reliability

Adopting a double glass design can effectively improve the weather resistance and reliability of the component, and extend its service life.

#### 3)More convenient installation

Due to the borderless design, installation is more convenient and fast, reducing installation costs and labor hours.

#### 4)Higher power generation efficiency

By adopting more advanced production processes and materials, the photoelectric conversion efficiency is improved, resulting in higher power generation compared to traditional components.

### Product Details:

Model	LS-D410M	LS-D415M	LS-D420M	LS-D425M	LS-D430M	LS-D435M	LS-D440M
Maximum Power(Pmax)	410W	415W	420W	425W	430W	435W	440W
Maximum Power Voltage(Vmp)	31.25V	31.37V	31.49V	31.64V	31.79V	31.94V	32.09V
Maximum Power Current(Imp)	13.12A	13.23A	13.34A	13.44A	13.53A	13.62A	13.72A
Open-Circuit Voltage(Voc)	37.94V	38.04V	38.13V	38.24V	38.34V	38.43V	38.53V
Short-Circuit Current(Isc)	13.85A	13.96A	14.07A	14.16A	14.25A	14.34A	14.43A
Power Tolerance(Positive)	0-+3%						
Module Efficiency STC	21.00%	21.25%	21.51%	21.76%	22.02%	22.28%	22.53%
Operating Temperature Range	-40°C - 85°C						
Maximum System Voltage	DC 1500V						
Cell Type	N type Mono-crystalline ,182x91mm						
Cell number	108(6x18)(Half-Cell)						
Product Dimension(mm)	1722*1134*5.5mm(67.80x44.65x0.22 inches)						
Weight(kgs)	23kg						
Front Glass	(F)2.0mm ultra clear embossed double layer colorless glass (B)2.0mm black mesh glazed tempered glass						
Protection Class	IP68 rated						
Connector Type	MC4						
Output Cables	4.0 mm <sup>2</sup> (0.006 inches <sup>2</sup> ),Length:1100mm						

Temperature Characteristics		Packing Configuration	
Temp.Coeff.of Isc(TK Isc)	0.046%/	Container	40'GP
Temp.Coeff.of Voc(TK Voc)	-0.25%/	Pieces per pallet	72
Temp.Coeff.of Pmax(TK Pmax)	-0.30%/	Pallets per container	13
Normal operating cell Temperature	45±2	Pieces per container	936



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**FAQ:**

Q1:What's the solar panels warranty?

A: 5 year's warranty.If you have any questions about our quality during use,you can contact us at any time.

Q2:Do you accept OEM/ODM orders?

A:We accept OEM/ODM orders.Welcome your inquiry.

Q3:Can I have samples to test?and what's the lead time for the sample order?

A:Yes,of course.The lead time for samples is 7-10 days.

Q4:Are you manufacturer or a trading company?

A:We are manufacturer and our factory is based in Yuyao,Ningbo.Welcome your visit if you like.

Q5:Where are your goods exported?

A:We can export to all over the world.

Q6:Can we make customized solar panels?

A:Yes,of course.We can design and produce according to your needs.



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