



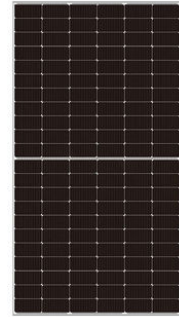
485W Mono Solar Panels 37.96V High Photoelectric Conversion Efficiency

Our Product Introduction

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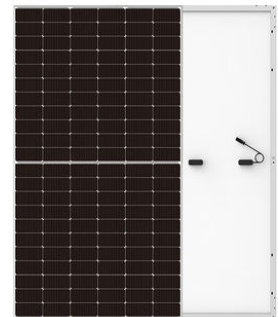
Basic Information

- Place of Origin: China
- Brand Name: Linksun
- Certification: CE
- Model Number: LS-485
- Minimum Order Quantity: 100PCS
- Packaging Details: 1pcs/carton
- Delivery Time: 5-8days
- Payment Terms: 30% TT in advance, 70% balance before delivery.
- Supply Ability: 1000pieces per week



Product Specification

- Product Name: Mono Solar Panel
- Solar Cell: Monocrystalline Silicon Solar Cell
- Application: Boat And Yacht
- Contract Dimension: 2094*1134*35mm(82.44*44.65*1.38inches)
- Benefits: Durable, Convenient, Waterproof
- Warranty: 5 Years
- Protection Class: IP68
- Front Material: 3.2mm High Transmission Tempered Glass 0.13inches)
- Output Cables: 4 Mm², Length: 1300mm
- Highlight: 485w Mono Solar Panel, yacht Mono Solar Panel, 485w solar panels 37.96V



More Images



Product Description

485W Mono Solar Panels 37.96V High Photoelectric Conversion Efficiency

485W mono solar panels offer high photoelectric conversion efficiency. These monocrystalline panels are designed for durability and performance, excelling in both residential and commercial applications. Their high efficiency makes them ideal for installations with limited space, ensuring optimal energy production even in low-light conditions.

Product Features:

1) High photoelectric conversion efficiency:

The photoelectric conversion efficiency of monocrystalline silicon solar cells is about 15%, with the highest reaching 24%, which is currently the highest photoelectric conversion efficiency among all types of solar cells.

2) Low production cost:

The production cost of monocrystalline silicon solar cells is relatively low, and the technology is already very mature, so it has been widely used.

3) Long service life:

The service life of monocrystalline silicon solar cells is relatively long, generally reaching around 20 years, with the highest reaching 25 years.

4) Good low light performance:

Monocrystalline silicon solar cells can also perform well under low light conditions, making them suitable for use in solar lamps, solar lawn lamps, etc.

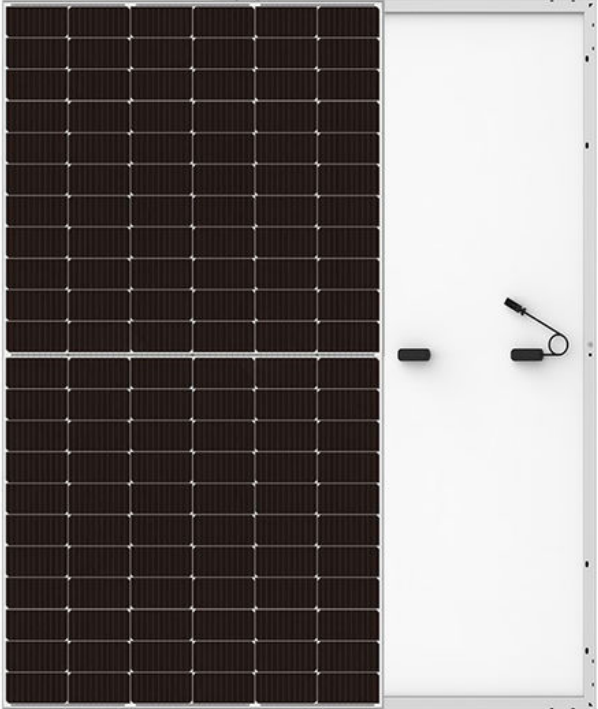
5) Strong radiation resistance:

Monocrystalline silicon solar cells have strong radiation resistance, which can resist radiation such as ultraviolet and infrared rays.

Product Details:

Model	LS-485M	LS-490M	LS-495M	LS-500M	LS-505M
Maximum Power(Pmax)	485W	490W	495W	500W	505W
Maximum Power Voltage(Vmp)	37.96V	38.11V	38.26V	38.41V	38.56V
Maximum Power Current(Imp)	12.78A	12.86A	12.94A	13.02A	13.10A
Open-Circuit Voltage(Voc)	45.12V	45.27V	45.42V	45.57V	45.72V
Short-Circuit Current(Isc)	13.68A	13.76A	13.83A	13.90A	13.96A
Power Tolerance(Positive)	0——+3%				
Module Efficiency STC	20.42%	20.64%	20.85%	21.06%	21.27%
Operating Temperature Range	-40°C - 85°C				
Maximum System Voltage	1500V DC-(H)				
Cell Type	Mono-crystalline PERC, 182x91mm				
Cell number	132(6x22)(Half-Cell)				
Product Dimension(mm)	2094*1134*35mm(82.44*44.65*1.38inches)				
Weight(kgs)	26.3kg				
Front Glass	3.2mm High Transmission Tempered Glass(0.13inches)				
Frame Type	Silver, Anodized Aluminum Alloy				
Protection Class	IP68				
Connector Type	MC4				
Output Cables	4 mm ² , Length: 1300mm				

Temperature Characteristics		Packing Configuration	
Temp.Coeff.of Isc(TK Isc)	0.048%/	Container	40'HQ
Temp.Coeff.of Voc(TK Voc)	-0.27%/	Pieces per pallet	62
Temp.Coeff.of Pmax(TK Pmax)	-0.34%/	Pallets per container	11
Normal operating cell Temperature	44±2	Pieces per container	682





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.

Q7:How can we guarantee quality?

A:We always prepare a sample production before bulk production and have a final strict inspection before shipment.



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