

# Longding 3 0 photovoltaic panels

**Nominal Capacity**

**280Ah**

**Nominal Energy**

**50kW/100kWh**

**IP Grade**

**IP54**



## Overview

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Excellent power generation, excellent reliability and high cost performance: PANDA bifacial series modules, based on the state-of-the-art PANDA N-type monocrystalline silicon cell technology, feature good weak light and longer effective service life than conventional modules. HIBC (Hybrid Interdigitated Back-Contact) refers to a high-low temperature composite passivated back contact technology. Founded in 2006, it is headquartered in Shanghai, China it was the first. At Solar Power International trade show in Las Vegas, LONGi Solar, the world's largest manufacturer of monocrystalline solar cells & modules, introduced its 300W+ solar module series, based on 60-cell standard modules with over 300W nominal power and 72-cell modules exceeding 360W. This marks the. At the key node of intergenerational transition of global Photovoltaic (PV) technology, the back contact (BC) cell technology is leading the new-generation PV technology paradigm revolution, becoming the core engine to drive industry cost reduction and efficiency improvement and realize energy. Chinese photovoltaic enterprises used to face many restrictions such as technical and trade barriers. marking that Chinese photovoltaic. Since its establishment, the company has adhered to innovation-driven development, and ensured that photovoltaic panels have high efficiency and long life by continuously optimizing the production process and improving product performance. You can visit at our place or contact us anyway You can.

## Longding 3 0 photovoltaic panels



### Yingli Solar , Panda 3.0 Pro YL560-585C-50e , Solar Panel Datasheet

Yingli Energy Development Company Limited Solar Panel Series Panda 3.0 Pro YL560-585C-50e. Detailed profile including pictures, certification details and manufacturer PDF.

## High-efficiency Module, Longi solar module

This technology enhances the cell's light absorption and photovoltaic conversion capabilities through adjustments to the internal structure process, effectively increasing the module's output power.



### PV 3.0 Era, LONGi Solar leading the wa

"PV 3.0 means that we are entering a phase that enables solar investors to use high efficiency, high quality and high energy yield crystalline modules of over 300 W nominal power for ...

 **Efficient Higher Revenue**

- Max. Efficiency 97.5%
- Max. PV Input Voltage 600V
- 150% Peak Output Power
- 2 MPPT Trackers, 150% DC Input Overvoltage
- Max. PV Input Current 16A, Compatible with High Power Modules

 **Intelligent Simple O&M**

- IP66 Protection Degree: support outdoor installation
- Smart I-V Curve Diagnosis Function: locate PV string faults accurately and automatically detect faults
- DC & AC Type II SPD: prevent lightning damage
- Battery Reverse Connection Protection

 **Flexible Abundant Configuration**

- Plug & Play, EPS Switching Under 10ms
- Compatible with Lead-acid and Lithium Batteries
- Max. 6 Units Inverters Parallel
- AFCI Function (Optional): when an arc fault is detected the inverter immediately stops operation

## Top 10 Solar Panel Manufacturers in China (2026)

Check out the top solar panel manufacturers in China, such as Jinkosolar, LONGI, Trina Solar, Astronergy, and more.

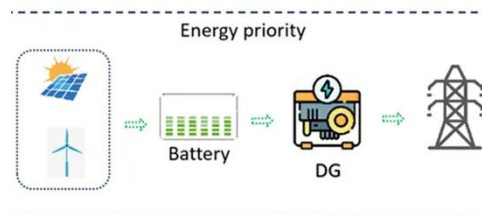


### Yingli Solar , YLM 3.0 Pro 1 YL530-555DF72 e/2 , Solar Panel ...

Yingli Energy Development Company Limited Solar Panel Series YLM 3.0 Pro 1 YL530-555DF72 e/2. Detailed profile including pictures, certification details and manufacturer PDF.

## Solar Photovoltaic Panels Manufacturer , Solar Panels for Sale , LONGI

With excellent technical research and development team and advanced production equipment, it has established a good reputation in the solar photovoltaic industry, and its products are exported to ...



### Longi Solar photovoltaic panels



Longi solar panels are used in a variety of applications, including residential, commercial, and industrial solar systems, as well as large-scale solar energy projects such as solar parks.

## PANDA 3.0 Series (N-Type TOPCon)\_Yingli Solar

Excellent power generation, excellent reliability and high cost performance: PANDA bifacial series modules, based on the state-of-the-art PANDA N-type monocrystalline silicon cell technology, feature ...

### Product Details



## The World's Leading Supplier of Solar PV Solutions

PV Solutions LONGi is more than a product supplier, offering project consultation, design, installation, procurement, commissioning, operation and maintenance, and financing expertise.

## Contact Us

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For catalog requests, pricing, or partnerships, please visit:  
<https://59empagm.pl>

