

YLM 72 CELL



19.4%

MODULE EFFICIENCY

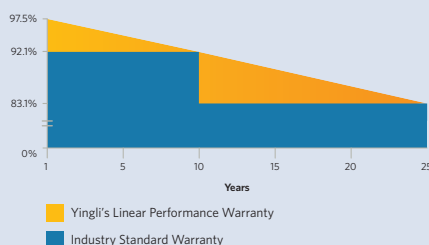
12 YEAR

PRODUCT WARRANTY

0 to +5W

POWER SELECTION TOLERANCE

25 Years Linear Warranty


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IMPROVED POWER NEVER SETTLE FOR LESS

With over two decades of manufacturing experience and millions of PV systems installed worldwide you can trust that our product quality and long term reliability have been proven in the field.



Higher Durability

The multi-busbar design can decrease the risk of cell micro-cracks by improving long-term mechanical performance



High Power Density

High conversion efficiency and more power output per square meter, achieved by lower series resistance cells and improved light harvesting area.



Bigger Cells with better performance

A slight increase in the size of our cells has boosted the power of the modules by 6% resulting in more power with every panel.



Advanced Glass

Our high-transmission glass features a unique anti-reflective coating that directs more light onto the solar cells, resulting in a higher energy yield.

Yingli Green Energy

Founded in 1987, Yingli Green Energy Holding Company Limited, known as "Yingli Solar", is one of the world's oldest leading solar panel manufacturers with the mission to provide affordable green energy for all. Yingli Solar makes solar power possible for communities everywhere by using our global manufacturing and logistics expertise to address unique local challenges.

YLM 72 CELL 385W

ELECTRICAL PERFORMANCE

Electrical parameters at Standard Test Conditions (STC)

Module type			YLxxxD-36b 1500V (xxx=Pmax)
Power output	P_{max}	W	385
Power output tolerances	ΔP_{max}	W	0/+5
Module efficiency	η_m	%	19.4
Voltage at P_{max}	V_{mpp}	V	40.62
Current at P_{max}	I_{mpp}	A	9.48
Open-circuit voltage	V_{oc}	V	48.83
Short-circuit current	I_{sc}	A	10.12

STC: 1000W/m² irradiance, 25°C module temperature, AM1.5g spectrum according to EN 60904-3.

Average relative efficiency reduction of 3.0% at 200W/m² according to EN 60904-1.

Measurement tolerance of P_{max} , V_{oc} and I_{sc} is $\pm 3\%$.

Electrical parameters at Nominal Operating Cell Temperature (NOCT)

Power output	P_{max}	W	286.4
Voltage at P_{max}	V_{mpp}	V	37.8
Current at P_{max}	I_{mpp}	A	7.58
Open-circuit voltage	V_{oc}	V	45.4
Short-circuit current	I_{sc}	A	8.18

NOCT: open-circuit module operation temperature at 800W/m² irradiance, 20°C ambient temperature, 1m/s wind speed.

THERMAL CHARACTERISTICS

Nominal operating cell temperature	NOCT	°C	45 \pm 2
Temperature coefficient of P_{max}	γ	%/°C	-0.39
Temperature coefficient of V_{oc}	β_{Voc}	%/°C	-0.30
Temperature coefficient of I_{sc}	α_{sc}	%/°C	0.06

OPERATING CONDITIONS

Max. system voltage	1500V _{DC}
Max. series fuse rating	20A
Operating temperature range	-40°C to 85°C
Max. static load, front (e.g., snow)	5400Pa
Max. static load, back (e.g., wind)	2400Pa
Max. hailstone impact (diameter / velocity)	25mm / 23m/s

CONSTRUCTION MATERIALS

Front cover (material / thickness)	anti-reflection coated, high transmission tempered glass / 3.2mm
Cell (quantity / material/ number of busbars)	72 / monocrystalline silicon / 12
Frame (material)	anodized aluminum alloy
Junction box (protection degree)	\geq IP67
Cable (length / cross-sectional area)	1100mm / 4mm ²
Plug connector	YT08-1A

• Due to continuous innovation, research and product improvement, the specifications in this product information sheet are subject to change without prior notice. The specifications may deviate slightly and are not guaranteed.

• The data does not refer to a single module and they are not part of the offer, they only serve for comparison to different module types.

QUALIFICATIONS & CERTIFICATES

IEC 61215, IEC 61730, CE, MCS, ISO 9001:2008, ISO 14001:2004, BS OHSAS 18001:2007.

Certificates are held by Yingli Energy (China) Co., Ltd., a wholly owned subsidiary of Yingli Green Energy Holding Co., Ltd.



Proudly made in China

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DS_YLM72CELL-36b_40mm_AU_20201021_YT08-1A_1979mm-1002mm-40mm

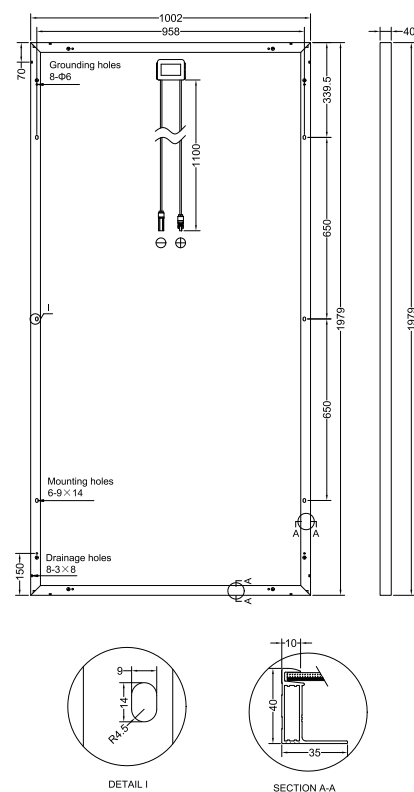
GENERAL CHARACTERISTICS

Dimensions (L / W / H)	1979mm / 1002mm / 40mm
Weight	22.4kg

PACKAGING SPECIFICATIONS

Number of modules per pallet	26
Number of pallets per 40' container	22
Packaging box dimensions (L / W / H)	2010mm / 1110mm / 1154mm
Box weight	627kg

Unit: mm



Warning: Read the Installation and User Manual in its entirety before handling, installing and operating Yingli Solar modules.

Yingli Partners:

Yingli Green Energy Australia Pty. Ltd.

australia@yingli.com.au

Tel: (02) 8017 8700

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