

YLM
72 CELL
1500V

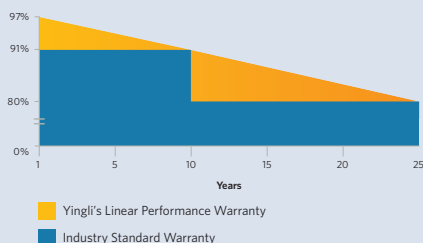


19.3%
 MODULE EFFICIENCY

10 YEAR
 PRODUCT WARRANTY

0 to +5W
 POWER SELECTION TOLERANCE

25 Years Linear Warranty



HIGH VOLTAGE LESS SYSTEM COST

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.



Costing Saving

As YLM 1500V modules are allowing more modules per string the balance-of-system costs are reduced by less required combiner boxes, fuses and cables in large-scale projects.



Increased Energy Yield

Increasing to a 1500V system voltage reduces the line losses in cabling and also allows inverters to operate with improved efficiency. The benefits can add up to 2% higher yields.



Higher Durability

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



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 375W

ELECTRICAL PERFORMANCE

Electrical parameters at Standard Test Conditions (STC)

Module type			YLM72-36b 1500V (xxx=P _{max})
Power output	P _{max}	W	375
Power output tolerances	ΔP _{max}	W	0/+5
Module efficiency	η _m	%	19.3
Voltage at P _{max}	V _{mpp}	V	39.9
Current at P _{max}	I _{mpp}	A	9.40
Open-circuit voltage	V _{oc}	V	48.3
Short-circuit current	I _{sc}	A	9.87

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 ±3%.

Electrical parameters at Nominal Operating Cell Temperature (NOCT)

Power output	P _{max}	W	276.6
Voltage at P _{max}	V _{mpp}	V	36.8
Current at P _{max}	I _{mpp}	A	7.52
Open-circuit voltage	V _{oc}	V	44.9
Short-circuit current	I _{sc}	A	7.99

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 +/- 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 _{Isc}	%/°C	0.06

OPERATING CONDITIONS

Max. system voltage	1500V _{DC}
Max. series fuse rating	15A
Limiting reverse current	15A
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)	≥ 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, 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_1960mm-992mm-40mm_12BB

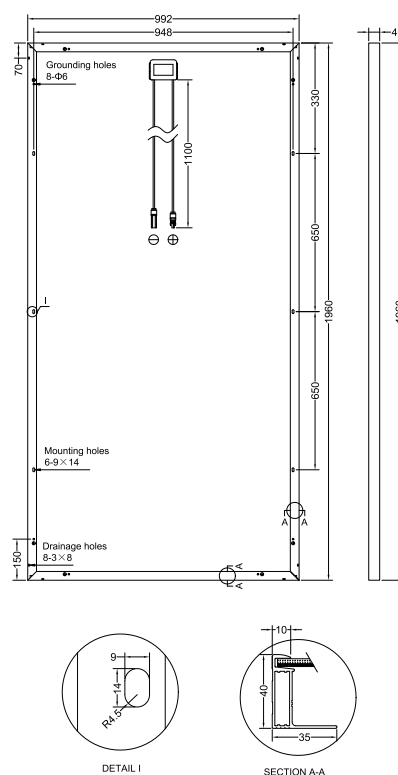
GENERAL CHARACTERISTICS

Dimensions (L / W / H)	1960mm / 992mm / 40mm
Weight	22kg

PACKAGING SPECIFICATIONS

Number of modules per pallet	26
Number of pallets per 40' container	24
Packaging box dimensions (L / W / H)	1995mm/1145mm/1170mm
Box weight	616kg

Unit: mm



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

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