

YGE 60 CELL



Up to 17.1%

MODULE EFFICIENCY

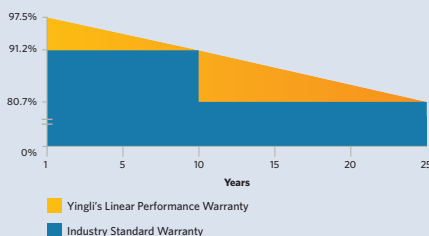
10 YEAR

PRODUCT WARRANTY

0 to +5W

POWER TOLERANCE

25 Years Linear Warranty


YINGLISOLAR.COM/AU


POLYCRYSTALLINE PROVEN TECHNOLOGY

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.



Durability

Durable Yingli modules work well in harsh conditions. Proven over the years to keep performing under the sun.



Advanced Glass

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



Top Selling Module Size

First choice for millions of banks and investors, this classic size is well-suited for almost all PV applications.

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.

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ELECTRICAL PERFORMANCE

Electrical parameters at Standard Test Conditions (STC)

Module type			YLxxxP-29b (xxx=P _{max})		
Power output	P _{max}	W	280	275	270
Power output tolerances	ΔP _{max}	W	0 / + 5		
Module efficiency	η _m	%	17.1	16.8	16.5
Voltage at P _{max}	V _{mpp}	V	31.4	31.0	30.7
Current at P _{max}	I _{mpp}	A	8.92	8.90	8.80
Open-circuit voltage	V _{oc}	V	38.2	37.9	37.9
Short-circuit current	I _{sc}	A	9.45	9.35	9.27

STC: 1000W/m² irradiance, 25°C module temperature, AM1.5g spectrum according to EN 60904-3.
Average relative efficiency reduction of 3.3% 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	204.2	200.6	196.9
Voltage at P _{max}	V _{mpp}	V	28.6	28.2	28.0
Current at P _{max}	I _{mpp}	A	7.14	7.12	7.04
Open-circuit voltage	V _{oc}	V	35.3	35.0	35.0
Short-circuit current	I _{sc}	A	7.64	7.56	7.49

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	46 +/- 2
Temperature coefficient of P _{max}	γ	%/°C	-0.42
Temperature coefficient of V _{oc}	β _{Voc}	%/°C	-0.32
Temperature coefficient of I _{sc}	α _{Isc}	%/°C	0.05

OPERATING CONDITIONS

Max. system voltage	1000V _{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)	60 / polycrystalline silicon / 5
Frame (material)	anodized aluminum alloy
Junction box (protection degree)	≥ IP67
Cable (length / cross-sectional area)	1000mm / 4mm ²
Plug connector	Genuine MC4

- 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_YGE60CELL SERIES 2-29b_35mm_AU_20201021 1650*992*35 MC4

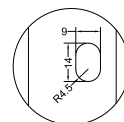
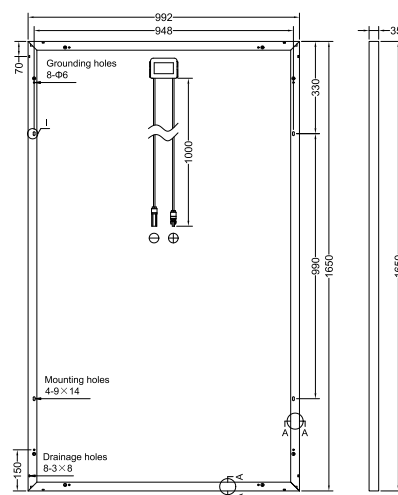
GENERAL CHARACTERISTICS

Dimensions (L / W / H)	1650mm / 992mm / 35mm
Weight	18.5kg

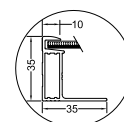
PACKAGING SPECIFICATIONS

Number of modules per pallet	30
Number of pallets per 40' container	28
Packaging box dimensions (L / W / H)	1700mm / 1135mm / 1165mm
Box weight	588kg

Unit: mm



DETAIL I



SECTION A-A



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

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