

YGE 60 CELL SERIES 2

Multicrystalline
240 - 260Wp



17.7%

CELL EFFICIENCY

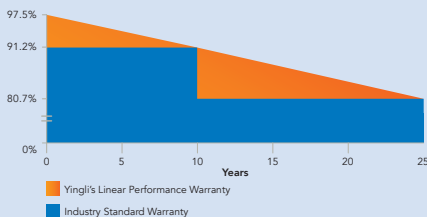
10 YEAR

PRODUCT WARRANTY

0/+5 W

POWER TOLERANCE

25 Year Linear Performance Warranty



PROVEN QUALITY RELIABLE, RESISTANT & PROVEN TRACK RECORD

Independently tested with proven quality and long term reliability. Tens of millions of photovoltaic panels installed worldwide underline Yingli's industry leadership.



Resistant & Durable

Durable photovoltaic modules, independently tested for harsh environmental conditions such as exposure to salt mist, ammonia, or known PID risk factors.



Advanced Glass

A special glass with high transmission and a highly anti-reflective coating results in more sunlight on the solar cells and a higher energy yield.



Top-Selling Module Size

First choice for millions of project developers, investors and banks, this size is well-suited for nearly all existing PV applications.



PID Resistant

Tested in accordance to the draft standard IEC 62804, our PV modules have demonstrated resistance against PID (Potential Induced Degradation), which translates to security for your investment.

Yingli Green Energy

Yingli Green Energy Holding Company Limited (NYSE: YGE), known as "Yingli Solar," is the world's largest photovoltaic module manufacturer in terms of production capacity. We are a leading solar energy company built upon proven product reliability and sustainable performance.

YGE 60 CELL SERIES 2

YL260P-29b
YL255P-29b
YL250P-29b
YL245P-29b
YL240P-29b

ELECTRICAL PERFORMANCE

Electrical parameters at Standard Test Conditions (STC)

| Module type | YLxxxP-29b (xxx=P _{max}) | | | | | | |
|-----------------------------|------------------------------------|---|---------|------|------|------|------|
| Power output | P _{max} | W | 260 | 255 | 250 | 245 | 240 |
| Power output tolerances | ΔP _{max} | W | 0 / + 5 | | | | |
| Module efficiency | η _m | % | 16.0 | 15.7 | 15.4 | 15.1 | 14.8 |
| Voltage at P _{max} | V _{mpp} | V | 30.3 | 30.0 | 29.8 | 29.6 | 29.3 |
| Current at P _{max} | I _{mpp} | A | 8.59 | 8.49 | 8.39 | 8.28 | 8.18 |
| Open-circuit voltage | V _{oc} | V | 37.7 | 37.7 | 37.6 | 37.5 | 37.5 |
| Short-circuit current | I _{sc} | A | 9.09 | 9.01 | 8.92 | 8.83 | 8.75 |

STC: 1000W/m² irradiance, 25°C cell temperature, AM1.5g spectrum according to EN 60904-3.
Average relative efficiency reduction of 3.3% at 200W/m² according to EN 60904-1.

Electrical parameters at Nominal Operating Cell Temperature (NOCT)

| | | | | | | | |
|-----------------------------|------------------|---|-------|-------|-------|-------|-------|
| Power output | P _{max} | W | 189.7 | 186.0 | 182.4 | 178.7 | 175.1 |
| Voltage at P _{max} | V _{mpp} | V | 27.6 | 27.4 | 27.2 | 27.0 | 26.8 |
| Current at P _{max} | I _{mpp} | A | 6.87 | 6.79 | 6.71 | 6.62 | 6.54 |
| Open-circuit voltage | V _{oc} | V | 34.8 | 34.8 | 34.7 | 34.6 | 34.6 |
| Short-circuit current | I _{sc} | A | 7.35 | 7.28 | 7.21 | 7.14 | 7.07 |

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 |
| Temperature coefficient of V _{mpp} | β _{Vmpp} | %/°C | -0.42 |

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) | low-iron tempered glass / 3.2mm |
| Cell (quantity / material / dimensions / number of busbars) | 60 / multicrystalline silicon / 156mm x 156mm / 2 or 3 |
| Frame (material / color / anodization color / edge sealing) | anodized aluminum alloy / silver / clear / silicone or tape |
| Junction box (protection degree) | ≥ IP65 |
| Cable (length / cross-sectional area) | 1000mm / 4mm ² |
| Plug connector (type / protection degree) | MC4 / IP67 or YT08-1 / IP67 or Amphenol H4 / IP68 |

- 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 do 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, PV Cycle, SA 8000



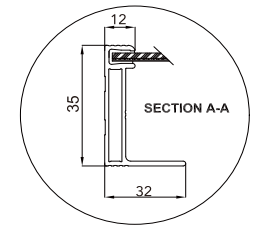
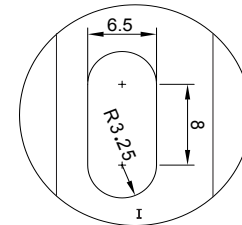
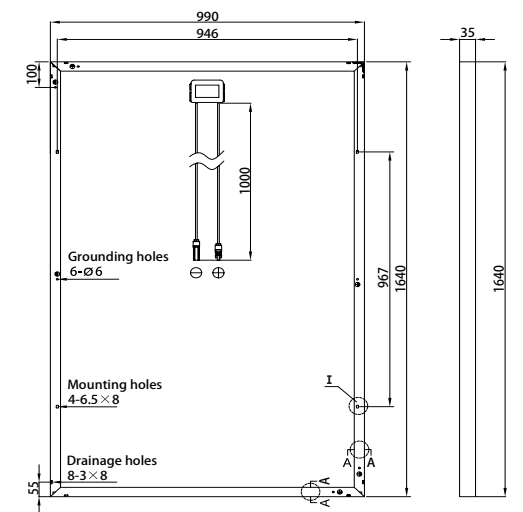
GENERAL CHARACTERISTICS

| | |
|------------------------|-----------------------|
| Dimensions (L / W / H) | 1640mm / 990mm / 35mm |
| Weight | 18.5kg |

PACKAGING SPECIFICATIONS

| | |
|--------------------------------------|--------------------------|
| Number of modules per pallet | 29 |
| Number of pallets per 40' container | 28 |
| Packaging box dimensions (L / W / H) | 1700mm / 1135mm / 1165mm |
| Box weight | 568kg |

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 Holding Co. Ltd.

service@yingli.com

Tel: 0086-312-2188055

YINGLISOLAR.COM

