

ABOUT PANDA SERIES

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RAISE THE ROOF ON PERFORMANCE



8-18%
↑

8-18% more efficient than conventional p-type modules



Near zero light induced degradation



Superior performance at high temperatures



Durability to handle harsh Australian conditions



Maximises performance in low light conditions



Higher solar yields mean lower costs long term

*Packing more solar capacity on your roof whilst delivering higher cash flows: **PANDA** technology gives you more.*

PANDA takes efficiency and energy yield reliability to a new level.

PANDA technology delivers high power density PV modules with high efficiency solar cells based on n-type silicon, proving Yingli Solar is at the forefront of technological innovation. Yingli PANDA is ideal for commercial and residential projects where energy output is essential.

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ABOUT YINGLI SOLAR

Around the world, more homes and businesses are choosing Yingli Solar than any other company, enabling us to become the world's largest solar panel manufacturer. Formed in 1998, we have achieved leadership status in an impressively short time. More than 30 million Yingli Solar panels (over 7 million kilowatts) are now installed in over 40 countries. Our reputation is built upon high energy yields at lower costs long term, sustainable performance and proven product reliability. Our mission is to provide affordable green energy for all.



PERFORMANCE: MAIN ADVANTAGES

- Yingli Solar PANDA is a new monocrystalline silicon module technology with n-type solar cells that have average efficiencies higher than 19.5%. Combined with high transmission glass, panel efficiencies are up to 17.1%.
- Compared to traditional panels with p-type solar cells which can lose over 1% of their power in the first month of being installed, PANDA panels have near zero initial light-induced degradation (LID).
- Even in low light conditions the efficiency of PANDA panels barely decreases, meaning you get higher energy production for mornings, evenings, on overcast days and during the winter months. PANDA also performs better than conventional p-type panels on hot days, making your investment work harder during high temperatures.
- Tight positive power tolerance of 0W to +5W ensures you receive panels at or above nameplate power and contributes to minimising panel mismatch losses leading to improved system yield.
- Top ranking in the year-long 2011 TÜV Rheinland Energy Yield Field Test demonstrates high performance and annual energy production.

RELIABILITY

- Tests by independent laboratories prove that Yingli Solar panels:
 - ✓ Fully conform with certification and regulatory standards.
 - ✓ Successfully endure ammonia and salt-mist exposure at the highest severity level, ensuring their performance in adverse conditions.
- Manufacturing facility certified by TÜV Rheinland to ISO 9001:2008, ISO 14001:2004 and BS OHSAS 18001:2007.

WARRANTIES

- 10-year limited product warranty¹.
- Linear power warranties available¹.
- Limited power warranty¹: 1 year at 98% of the minimal rated power output, 10 years at 92% of the minimal rated power output, 25 years at 82% of the minimal rated power output.

¹In compliance with our Warranty Terms and Conditions.

QUALIFICATIONS & CERTIFICATES

IEC 61215, IEC 61730, MCS, CE, ISO 9001:2008,
ISO 14001:2004, BS OHSAS 18001:2007, PV Cycle,
SA 8000



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Our Partners:

