

# HyPro

## STP310S - 20/Wfwb

## STP305S - 20/Wfwb

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# 310 Watt

## MONO HALF CELL SOLAR MODULE



### Features



**High power output**  
Compared to normal module, the power output can increase 5W-10W



**High PID resistant**  
Advanced cell technology and qualified materials lead to high resistance to PID



**Excellent weak light performance**  
More power output in weak light condition, such as haze, cloudy, and morning



**Lower hot spots**  
Reduce the hot spots and minimize panel degradation



**Extended wind and snow load tests**  
Module certified to withstand extreme wind (3800 Pascal) and snow loads (5400 Pascal) \*



**Withstanding harsh environment**  
Reliable quality leads to a better sustainability even in harsh environment like desert, farm and coastline

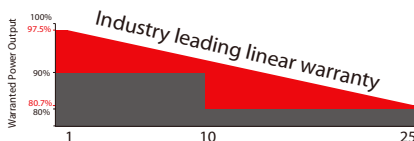
Certifications and standards:  
IEC 61215, IEC 61730, conformity to CE



### Trust Suntech to Deliver Reliable Performance Over Time

- World-class manufacturer of crystalline silicon photovoltaic modules
- Unrivaled manufacturing capacity and world-class technology
- Rigorous quality control meeting the highest international standards: ISO 9001: 2008, ISO 14001: 2004 and ISO17025: 2005
- Regular independently checked production process from international accredited institute/company
- Tested for harsh environments (salt mist, ammonia corrosion and sand blowing testing: IEC 61701, IEC 62716, DIN EN 60068-2-68)\*\*\*
- Long-term reliability tests
- 2 x 100% EL inspection ensuring defect-free modules

### Industry-leading Warranty based on nominal power



- 97.5% in the first year, thereafter, for years two (2) through twenty-five (25), 0.7% maximum decrease from MODULE's nominal power output per year, ending with the 80.7% in the 25th year after the defined WARRANTY STARTING DATE.\*\*\*\*
- 12-year product warranty
- 25-year linear performance

\* Please refer to Suntech Standard Module Installation Manual for details. \*\*WEEE only for EU market.

\*\*\* Please refer to Suntech Product Near-coast Installation Manual for details. \*\*\*\* Please refer to Suntech Product Warranty for details.

### Special Cell Design



The unique cell design leads to reduced electrode resistance and smaller current, thus enables higher fill factor. Meanwhile, it can reduce losses of mismatch and cell wear, and increase total reflection.

### IP68 Rated Junction Box



The Suntech IP68 rated junction box ensures an outstanding waterproof level, supports installations in all orientations and reduces stress on the cables. High reliable performance, low resistance connectors ensure maximum output for the highest energy production.