High Power Density to Maximize Limited Space

305W conventional residential module vs. 340 W HoneyBlack M

- Maximum installation power 10kW
- Maximum installation power 11kW

Linkedin:
Trina Solar

Website:
www.trinasolar.com
Aesthetic and Uniform Appearance to Show Personality

HoneyBlack® M is equipped with a matte black frame and full black back sheet, and black multi-busbar cells. This module combines great aesthetics and great performance with proven quality and is perfectly fit for your rooftops.

High Power Generation

The HoneyBlack M merges key technologies to maximize power and efficiency by combining half-cut, large wafer and multi-busbar technologies, which enables up to 340W energy output and maximum power density.

- Increased light absorption
  - Shadeproof
    - Increased Light Absorption
  - Glass
    - Glass
  - Backsheet
    - Black
  - Tabbing wire
    - Silver

- Reduced resistance loss with over 50% shortened current conduction distance

- Better power generation with reduced internal resistance losses

- High power output with better shading tolerance

- Big wafer and square cell design

- Additional Output Power

- Square wafer: 1%
- Multi-busbar: 2%
- Half-cut cells: 2%
- Stacked big wafers: 5%
- 10X more cell size means 150% more power!

High Reliability and Great Safety

The HoneyBlack M features high reliability and great safety with the combination of multi busbar and half-cut technologies, which makes it ideal for residential applications. Also, it is compatible with all major balance of system components and most module-level power electronics.

Outstanding reliability after long durability testing

Excellent welding techniques to ensure reliability

Excellent peeling strength

Strong resistance against hotspot to ensure safety of the rooftop

HoneyBlack M has always maintained high reliability and sold performance based on rigorous raw material selection and full value chain control of the production line. With high-strength and systematic quality control, Trina Solar ranked as "Top performer" in DNV-GL's scorecard for 5 consecutive years.