



**BACKSHEET MONOCRYSTALLINE MODULE**

PRODUCT: TSM-XXXDE18M.08(II)

PRODUCT RANGE: 485-510W

**510W**

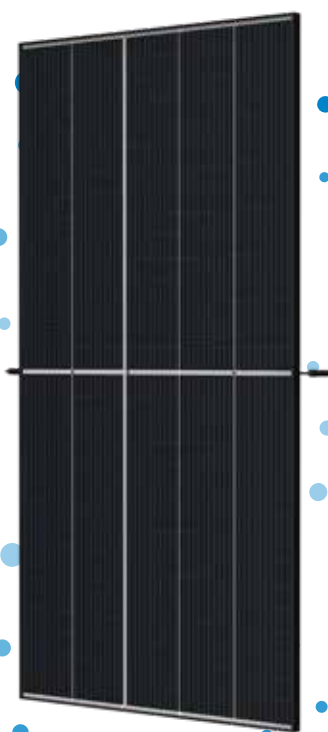
MAXIMUM POWER OUTPUT

**0~+5W**

BINNING TOLERANCE

**21.2%**

MAXIMUM EFFICIENCY



**High Mono Perc power & efficiency**

- Maximum energy harvesting from roofs
- 60W higher than the previous generation



**Aesthetics**

- Black frame design for an attractive appearance



**Cutting edge technology**

- Industry-leading 210mm triple-cut solar cells
- Best-in-class engineering, manufacturing processes and quality control
- Assembly in fully automated and newly built state-of-the-art factories



**High quality**

- Extra protection with extended 15-year product warranty and 25-year performance warranty
- Beyond industry-standard hail test passed: 35mm hail size
- Carefully selected materials for the best reliability also in demanding climates
- Snow load up to 6000 pa, wind load up to 2400pa



**Easy design & installation**

- Mainstream rooftop mounting methods approved
- High compatibility with mainstream inverters and optimizers



**Optimized BOS cost**

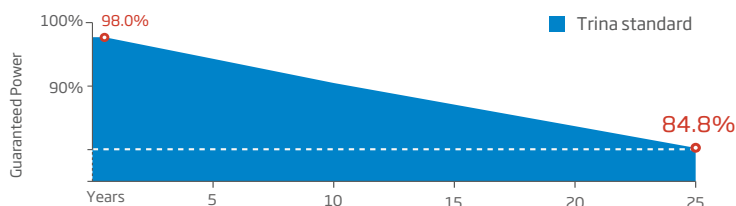
- Lower cost for structure, cable, workmanship per Wp



**Stock efficiency**

- Only one stock item to fit all application scenarios on larger rooftops

**Trina Solar's Vertex Backsheet Performance Warranty**



**Comprehensive Products and System Certificates**



IEC61215/IEC61730/IEC61701/IEC62716/UL61730  
 ISO 9001: Quality Management System  
 ISO 14001: Environmental Management System  
 ISO14064: Greenhouse Gases Emissions Verification  
 ISO45001: Occupational Health and Safety Management System



