



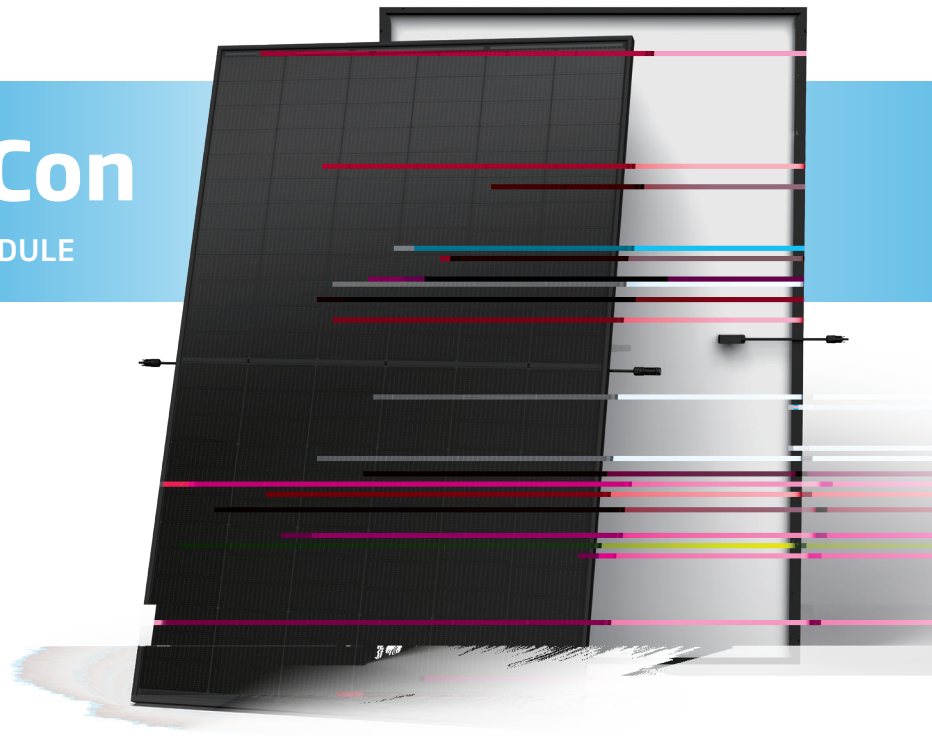
N-type i-TOPCon

DUAL GLASS MONOCRYSTALLINE MODULE

TSM-NEG9R.25 430-455W

455W / MAXIMUM POWER OUTPUT

22.8% / MAXIMUM



High Customer Value

- Full black, designed to have aesthetic in mind, suitable for residential and C&I roofs
- Perfect size and weight for handling and installation
- Compatible to main frame in steel and die-casting aluminum
- Mechanical load up to 5400 Pa on side and 4000 Pa back side
- Certified life time carbon footprint in a green way

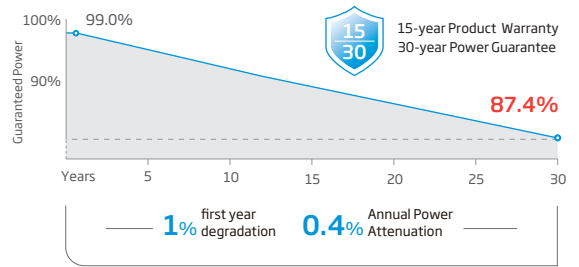


High reliability with light double glass

- Low thermal expansion coefficient and scratches on the back side
- Excellent aging, excellent resistance, maintainable in harsh environment and extreme weather condition
- Certified resistance against hail, and dust, ammonia, PID
- Up to 25 years of warranty and 30 years of performance warranty



Performance Warranty



* Please refer to product warranty for details

Comprehensive Products and System Certificates

IEC61215/IEC61730/IEC61701/IEC62716

ISO 9001: Quality Management System

ISO 14001: Environmental Management System

ISO14064: Greenhouse Gases Emissions Verification

ISO45001: Occupational Health and Safety Management System



ELECTRICAL DATA (STC)

Peak Power Watts- $P_{MAX}(Wp)^*$

Power Selection (W)**

Maximum Power Voltage- V_{MPP} (V)

Maximum Power Current-I

ELECTRICAL DATA (NOCT)

Peak Power Watts- $P_{MAX}(Wp)$

NOCT: Irradiance at $800W/m^2$, Ambient Temperature $20^{\circ}C$, Wind Speed $1m/s$.

