Maximize Limited Space with high efficiency

- Up to 193 W/m² power density
- Low thermal coefficients for greater energy production at high operating temperatures

Excellent low light performance on cloudy days, mornings and evenings

- Advanced surface texturing
- Back surface field
- Selective emitter

Ideal for large scale installations

- High power footprint reduces installation time & BOS costs

Maximize Limited Space with high efficiency

- Up to 193 W/m² power density
- Low thermal coefficients for greater energy production at high operating temperatures

Highly reliable due to stringent quality control

- All modules have to pass electroluminescence (EL) inspection
- Over 30 in-house tests (UV, TC, HF, and many more)
- In-house testing goes well beyond certification requirements
- PID resistant
- 1000 V UL/1000 V IEC certified

Certified to withstand challenging environmental conditions

- 2400 Pa wind load
- 5400 Pa snow load
- 35 mm hail stones at 97 km/h
- Ammonia resistance
- Salt mist resistance
- Resistance to sand and dust abrasion

Comprehensive Product And System Certificates

IEC61215/IEC61730/UL1703/IEC61701/IEC62716
ISO 9001: Quality Management System
ISO 14001: Environmental Management System
ISO14064: Greenhouse Gas Emissions Verification
OHSAS 18001: Occupational Health and Safety Management System

Trina Solar

Founded in 1997, Trina Solar is the world's leading comprehensive solutions provider for solar energy. We believe close cooperation with our partners is critical to success. Trina Solar now distributes its PV products to over 60 countries all over the world. Trina Solar is able to provide exceptional service to each customer in each market and supplement our innovative, reliable products with the backing of Trina Solar as a strong, bankable partner. We are committed to building strategic, mutually beneficial collaboration with installers, developers, distributors and other partners.
### DIMENSIONS OF PV MODULE

**TSM-DD14A (II)**

- **Nameplate**
- **Dark Circuit Hole**
- **Installing Hole**
- **Conducting Hole**
- **12 Drain Hole**
- **Silicon Sealant**
- **Laminate**
- **Back View**

### MECHANICAL DATA

- **Solar Cells**: Monocrystalline 156.75 × 156.75 mm
- **Cell Orientation**: 72 cells (6 x 12)
- **Module Dimensions**: 1960 × 992 × 40 mm
- **Weight**: 26.0 kg with 4.0 mm glass; 22.5 kg with 3.2 mm glass
- **Glass**: 4.0 mm for PERC Mono; 3.2 mm for Std Mono, high transparency, AR coated and heat tempered solar glass
- **Backsheet**: White
- **Frame**: Silver Anodized Aluminium Alloy
- **Cables**: Photovoltaic Technology Cable 4.0mm², 1200 mm
- **Connector**: EU Countries: 28 MC4 / UTX / TS4, Non-EU Countries: 28 QC4 / TS4
- **Connector EU Countries**: IP 67 or IP 68 rated

### TEMPERATURE RATINGS

- **Nominal Operating Cell Temperature (NOCT)**: 44°C (±2K)
- **Temperature Coefficient of Pmax**: -0.39%/K
- **Temperature Coefficient of Voc**: -0.29%/K
- **Temperature Coefficient of Isc**: 0.05%/K

### WARRANTY

- **10 year Product Workmanship Warranty**
- **25 year Linear Performance Warranty**

(Please refer to product warranty for details)

### PACKAGING CONFIGURATION

- **Modules per box**: 27 pieces
- **Modules per 40’ container**: 648 pieces

---

**CAUTION: READ SAFETY AND INSTALLATION INSTRUCTIONS BEFORE USING THE PRODUCT.**

© 2017 Trina Solar Limited. All rights reserved. Specifications included in this datasheet are subject to change without notice.

www.trinasolar.com