



## PERFORMANCE STATEMENT

**Product name and type:** Trina 500Wp monocrystalline solar panel - TSM-DE18M.08 (II)

**Product manufacturer:** Trina Solar Co., Ltd.

No.2 TianHe Road, Trina PV Industrial Park, New District,  
Changzou, Jiangsu, PR China, 213031

**Place of manufacture of the product:** Trina Solar Co., Ltd.

No.2 TianHe Road, Trina PV Industrial Park, New District,  
Changzou, Jiangsu, PR China, 213031

**Designation, purpose and area of use of the construction product:**

The Trina Vertex S 500Wp type solar panels provide a partial or complete electrical energy supply by utilizing solar energy as a grid-generating solar panel system.

**Name of the testing organization:** TÜV Rheinland (China) Ltd.

**Test principle:**

On the basis of tests carried out on a representative sample of the above-mentioned product, it can be stated that the product is suitable for its intended use in accordance with the safety technical requirements in force on the day of the certification, as examined by the test principles.

**Technical specification(s) to which the construction product has been verified by testing:**

IEC 61215:2016 - IEC 61730:2016

**Certificate number:** PV 50565114

**Specifications:**

<b>Color</b>	Black
<b>Country of manufacture</b>	China
<b>Power (Wp)</b>	500
<b>Crystal structure</b>	Mono
<b>Power tolerance (Wp)</b>	0/+5
<b>Connector</b>	MC4
<b>Size (height x width x depth)</b>	2187x1102x35 mm
<b>Weight (kg)</b>	26.3
<b>Product warranty</b>	15 years
<b>Performance guarantee</b>	25 years (84.8%)


**Statements:**

The manufacturer and type are consistent with the related data on the product data sheet;


The nominal performance on the performance declaration corresponds to the related data on the product data sheet;

The actual installed performance is in accordance with IV of the business contract. The table in the point entitled Undertaking price, II. With the total performance recorded in the part of the equipment and material cost category, relating to the solar package.

27.05.2024

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Vincenzo Costanzelli