

TYPE APPROVAL CERTIFICATE

N°CC0081-20140508

Applicant

TOPSUN

B-101,GIDC,Electronic Estate,Sec-25
Gandhinagar - 382028 Gujarat - INDIA

Module type

TEL72PXXX ; XXX=260 to 320W each step of 5W
TEL60PXXX ; XXX=215 to 265W each step of 5W
TEL54PXXX ; XXX=200 to 240W each step of 5W
TEL48PXXX ; XXX=160 to 200W each step of 5W

Factory

TOPSUN

R S No. 892, Near 66KV GEB substation
Jagudan Cross Road, At & PO-Linch, Ta & Dist- Mehsana
384435 Gujarat - INDIA

Test reports: 20140508-005(BOM1), 20140508-007(BOM2)

In consideration of the test results in the above mentioned report, the samples tested are declared as being in conformance to the following standards.

References

- NF-EN **61215:2005**
Crystalline silicon terrestrial photovoltaic (PV) modules – Design qualification and type approval
- NF-EN **61730-1:2007** and NF EN 61730-1/A1:2012 and NF EN 61730-1/A2:2013
Photovoltaic (PV) module safety qualification: Requirements for construction
- NF-EN **61730-2:2007** and NF EN 61730-2/A1: 2012
Photovoltaic (PV) module safety qualification: Requirements for testing

Conditions

The types of module approved conform to requirements for Class A application (Security Class II). They are to be mounted for installation with a maximal systems voltage (V_{oc} at STC) no greater than 1 000 V_{oc} .

The **mechanical load test** (§10.16 NF EN 61215) has been performed to 5 400 Pa, during the last cycle on front surface. For conditions of mechanical tests, see test report.

Initial type approval

Each modification of design, material or component is not covered by this type approval. Each modification requires evaluation by a qualifying test laboratory. This certificate is only valid for the samples tested and for the tests described in the report mentioned above. It does not imply that a control or supervision of the production process have been done by CERTISOLIS

Date: 07/01/2015



Jérôme BECCAVIN, CEO

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Rev1-Update with 2nd BOM