



Warranty Certificate

TOPCon PV Modules

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Orb Energy Private Limited, ("Orb Energy") provides the warranties as set out in this warranty document to the original end-customer ("the customer") of its solar photovoltaic module (PV module) subject to the terms and conditions included herein. The warranties only apply to products in land-based applications, used and installed under normal conditions.

1.0 Limited Product Warranty

Orb Energy provides a limited product warranty for a period 10 (ten) years from the date of the customer's invoice that this TOPCon PV module shall be free from defects in materials and workmanship that would otherwise affect this module's under normal application, installation and use.

2.0 Linear Performance Warranty

Orb Energy provides a linear performance warranty for a period of 25 (twenty-five) years from the date of the customer's invoice. In the first year, the TOPCon PV module exhibits a power performance reduction of 2% and from the 2nd year to the 25th year, the TOPCon PV module exhibits a linear degradation of maximum 0.4% per year of the minimum peak power at standard test conditions (STC-irradiance 1000W/m², spectrum AM1.5 and cell temperature of 25 m² oC) by end of 25th year.

Orb Energy will supplement any such loss in power if clause 1.0 and 2.0 is not met (determined by Orb Energy at its sole and absolute discretion) either by providing to the customer additional PV module(s) to make up such loss in power, or by repairing or replacing the defective PV module(s), at the option of Orb Energy.

3.0 Other Terms and Conditions for Warranty

- 3.1) The warranties as provided herein shall not apply to defects, failures or power degradation related to any products which, in Orb Energy's reasonable opinion, has been caused by:
- Handling, repairs or modifications of the PV module by person other than Orb Energy or its authorised sub-contractors;
 - Abnormal use, including, but not limited to, the use of this product for construction purposes, such as protection against water, wind and/or sound, unless specifically agreed upon in writing by Orb Energy;
 - The original serial number is deleted, defaced or altered;
 - Non-provision of series protection, or fuse;
 - Reverse current exceeding the rated specification of this PV module;
 - Non-provision of string isolators/fuse;
 - Internal cell cracks due to improper mounting of module mounting structure;
 - Removal of anti-reflective coating due to abrasive polishing of glass;
 - Theft, vandalism, damage by animals, abuse, misuse, or other negligent acts;
 - Flood, fire, explosion, rock-fall, direct or indirect lightning, strike, civil war, riot or damage resulting from extreme weather conditions such as hail (with a diameter of more than 25 mm or greater and an average impact speed of more than 23 m/s), hurricanes, cyclones, sandstorms or any other events outside of Orb Energy's reasonable control.
- 3.2) It is solely Orb Energy's decision as to whether a warranty is applicable or not. Orb Energy's decision as to the validity of a warranty claim is final.
- 3.3) Warranty claims will be dealt by Orb Energy only when notified in writing within the applicable warranty period and within 14 (fourteen) days after the defect or failure has become apparent. Any claim should be accompanied by the original invoice with all information that Orb Energy deems necessary for the assessment of the legitimacy of the claim, and for Orb Energy's analysis of the reported defects and the causes thereof.
- 3.4) In the event that a warranty claim proves to be legitimate, Orb Energy will, at its discretion, repair the products, or replace the products so affected, if necessary, by similar types of products, or provide the customer with additional PV modules to make up the lost peak power. Faulty products must be returned by the customer, freight prepaid, to Orb Energy's nominated company location at the customer's own cost and risk. Return delivery of the additional or repaired products to the customer's premises must be arranged by the customer.
- 3.5) The supply of additional PV modules, or repair or replacement of the products does not cause the beginning of a fresh warranty period, nor shall the original warranty period be extended. Any replaced products shall become the property of Orb Energy.
- 3.6) The liability of Orb Energy under this warranty is limited to the warranty obligations as provided for herein. Any liability for indirect or consequential loss or damages which may be suffered by the customer including, but not limited to, loss of data or programs, loss of use, loss of profits, loss of production, loss of revenues or business interruption, is therefore specifically excluded.