



China

Product Carbon Footprint Verification Statement

No. P2GHG 001639 0039 Rev. 00

Client:	SUNERGY USA WORKS LLC 1330 St. Mary's Street, Ste.330, Wake Raleigh NC 27605 USA
Responsible Party:	Chinaland Solar Energy Co., Ltd. Liaoyuan Road, Feidong New City, Economic Development Zone, 231600 Hefei, Anhui Province, PEOPLE'S REPUBLIC OF CHINA
Product Name:	Crystalline Silicon Photovoltaic Module
Product Type:	SUNxxx-72M-H8 (xxx=540-560, in steps of 5) xxx is standing for rated output power at STC
Declared Unit:	One piece of crystalline silicone photovoltaic module
System Boundary:	Cradle to Gate
Time Period:	2021-07-01 to 2021-12-31
Verification Report No:	704062260601-00
Product Carbon Footprint:	412.70 kgCO ₂ eq
Level of assurance:	Reasonable assurance level
Materiality:	5% of total emissions within system boundary
Operation rule:	CCB_GHG_GR_001CS REV.02
Verification Conclusions:	The product carbon footprint verification for the claim by the responsible party is conducted according to ISO 14064-3: 2019. After verification, it confirms that the claim "Chinaland Solar Energy Co., Ltd. declares that the cradle to gate carbon footprint of the model SUNxxx-72M-H8 (xxx=540-560, in steps of 5) produced from 2021-07-01 to 2021-12-31 is 412.70 kgCO ₂ eq per declaration unit, while the declaration unit is one piece of crystalline silicone photovoltaic module." meets the requirements of ISO 14067: 2018. The purpose of the verification is to confirm that the calculation of carbon emissions for the product life cycle by the organization meets the requirements of relevant verification criteria, the system boundary is from cradle to gate. The data and information supporting the claim is not based on assumptions and predictions, but is based on historical facts.

The issue of the product carbon footprint verification statement hereon are based upon the claim on greenhouse gases emissions from the responsible party. The responsibility of the claim on greenhouse gases emissions is the responsible party. This statement does not relieve client from compliance with any bylaws, federal, national or regional acts and regulations or with any guidelines issued pursuant to such regulations. Stipulations to the contrary are not binding on TÜV SÜD and TÜV SÜD shall have no responsibility vis-à-vis parties other than responsible party.

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(David Bo)