

Standard **ISO 40 7:20 8**

Certificate Registr. No. **CO 50527031 0001**

Report No. **90136557 001**

Certificate Holder: **Jinko Solar Co., Ltd.**  
No. 1 Jinko Road, Shangrao Economic Development Zone,  
334100, Jiangxi, P.R. China

Site: **Jinko Solar Co., Ltd.**  
No. 1 Jinko Road, Shangrao Economic Development Zone,  
Jiangxi, P.R. China  
No.18 Liming Road, Lai'an Economic Development Zone,  
Chuzhou City, Anhui, P.R. China  
No.199 Xinyue Road, Huangwan Town, Haining City, Jiaxing City,  
Zhejiang, P.R. China

Scope: Verification and Validation Body: TÜV Rheinland (China) Ltd  
- Process: Document review, interview, site visit and recalculation  
Based on the information we have received and evaluated that:  
- Programme: Voluntary PCF scheme  
- Product Category Rule: N/A  
- Review Criteria: ISO 14064-3:2006  
Organizational Boundary: Operational Control  
- Level of Assurance: Reasonable  
Materiality: 5%  
- Global warming potential (GWP): IPCC 2013  
Analysis method: IPCC 2013 GWP 100a v1.02  
- LCA software or database: SimaPro 9.1.0 / Ecoinvent 3.7  
- Product: PV module  
- Boundary: Cradle to Gate  
- Data period: 2020.11.01~2021 10.31  
Functional / Declared unit: one kW of N type PV Module  
- Model No.: 182 module series (Average data got from  
JKMXXXN-60HL4(V), JKMXXXN-72HL4-BDV, JKMXXXN-  
72HL4(V), JKMXXXN-78HL4-BDV, JKMXXXN-54HL4-(V))  
- Carbon emissions (cradle to gate): 402.82 kg CO<sub>2</sub>e/kW

Validity: This certificate is valid from 2022-03-29 until 2024-03-28.  
This certificate only verified the target product / service carbon footprint,  
this verification does not include review of external communication.  
*Zhu*  
2022-03-29

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www.tuv.cn verification and validation.