



# 能源管理体系认证证书

证书编号：00121En20299R0L/6100

兹证明

隆基乐叶光伏科技有限公司（本主证书包含 2 张子证书：滁州隆基乐叶光伏科技有限公司、西安隆基乐叶光伏科技有限公司）

隆基乐叶光伏科技有限公司 注册地址/生产地址：中国陕西省西安经济技术开发区草滩生态产业园尚苑路 8369 号

滁州隆基乐叶光伏科技有限公司 注册地址/生产地址：中国安徽省滁州市淮安路 19 号

西安隆基乐叶光伏科技有限公司 注册地址：中国陕西省西安市长安区国家民用航天产业基地航天中路 388 号员工餐厅二楼 207 室；

生产地址：中国陕西省西安市长安区韦曲街办枣新路

统一社会信用代码/组织机构代码：91610132333661800X

建立的能源管理体系符合标准：

**GB/T 23331-2020 / ISO 50001:2018**

**RB/T101-2013；**

通过认证范围如下：

隆基乐叶光伏科技有限公司：10GW 光伏单晶体组件、5GW 光伏单晶硅电池的生产管理所涉及的能源管理活动；

滁州隆基乐叶光伏科技有限公司：10GW 光伏单晶体组件的生产所涉及的能源管理活动

西安隆基乐叶光伏科技有限公司：5GW 光伏单晶硅电池的生产所涉及的能源管理活动

（获证组织本年度产品单位产量综合能耗及能耗核算边界见标有相同证书注册号的证书附件，证书附件是本证书组成部分）

首次发证日期：2021年12月22日 本次发证日期：2021年12月22日 有效期至：2024年12月21日

在一个监督周期后，本证书必须与CQC签发的监督审核合格通知书合并使用方可有效。查询证书有效状态请登陆[www.cqc.com.cn](http://www.cqc.com.cn)。

本证书信息可在国家认证认可监督管理委员会官方网站（[www.cnca.gov.cn](http://www.cnca.gov.cn)）上查询



谢肇煦

Signed by: Xie ZhaoXu



## 中国质量认证中心

中国·北京·南四环西路188号9区 100070

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# ENERGY MANAGEMENT SYSTEM CERTIFICATE

Certificate No.: 00121En20299R0L/6100

We hereby certify that

**LONGi Solar Technology Co., Ltd. (Including subsidiaries LONGi Solar  
Technology (Chuzhou) Co., Ltd.、 LONGi Solar Technology (Xi' an) Co.,Ltd.)**

LONGi Solar Technology Co., Ltd. Registered address/production address: No. 8369, Shangyuan Road, Caotan Eco-Industrial Park, Xi'an Economic and Technological  
Development Zone, Xi'an City, Shaanxi Province, P.R. China

LONGi Solar Technology (Chuzhou) Co., Ltd. Registered address/production address: No.19 Huai'an Road,Chuzhou City,Anhui Province,P.R. China

LONGi Solar Technology (Xi'an) Co.,Ltd. Registered address: Room 207,2nd Floor, Staff Restaurant, No .388,Aerospace Middle Road, National Civil Aerospace industey  
Base, Chang 'an District,Xi'an City, Shaanxi Province, P.R. China; Production address: Zaoxin Road, Weiqu Street Office, Chang'an District, Xi'an, Shaanxi, China

Unified Social Credit Code/ Organization Code certificate: 91610132333661800X

by reason of its

**Energy Management System**

has been awarded this certificate for compliance with the standard

**GB/T 23331-2020 / ISO 50001:2018  
RB/T101-2013;**

**The Energy Management System Applies in the following area:**

LONGi Solar Technology Co., Ltd.: Energy management activities involved in the production management of 10GW  
photovoltaic single crystal modules and 5GW photovoltaic single crystal silicon cells.

LONGi Solar Technology (Chuzhou) Co., Ltd. : Energy management activities involved in the production of 10GW  
photovoltaic single crystal modules.

LONGi Solar Technology (Xi'an) Co.,Ltd. : Energy management activities involved in the production of 5GW photovoltaic  
monocrystalline silicon cells

**(The appendix with the same certificate number to this certificate is part of this certificate,  
referring the comprehensive energy consumption for unit output of product and energy  
consumption calculation boundary of the certified client within this year)**

**Certified since: December 22, 2021 Valid from: December 22, 2021 Valid until: December 21, 2024**

After a surveillance cycle, the certificate is valid only when used together with an Acceptance Notice of Surveillance Audit issued by CQC.  
Please access [www.cqc.com.cn](http://www.cqc.com.cn) for checking validity of the certificate.

This certificate and its relevant information can query in the website of Certification and Accreditation Administration of the People's  
Republic of China ( [www.cnca.gov.cn](http://www.cnca.gov.cn)).



中国认可  
管理体系  
MANAGEMENT SYSTEM  
CNAS C001-M

谢肇煦

Signed by: Xie ZhaoXu



**CHINA QUALITY CERTIFICATION CENTRE**

Section 9, No.188, Nansihuan(the South Fourth Ring Road) Xilu(West Road), Beijing 100070,China

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# 能源管理体系认证证书附件

获证组织名称：隆基乐叶光伏科技有限公司（本主证书包含 2 张子证书：滁州隆基乐叶光伏科技有限公司、西安隆基乐叶光伏科技有限公司）

获证组织地址：隆基乐叶光伏科技有限公司 注册地址/生产地址：中国陕西省西安经济技术开发区草滩生态产业园尚苑路 8369 号

滁州隆基乐叶光伏科技有限公司 注册地址/生产地址：中国安徽省滁州市淮安路 19 号

西安隆基乐叶光伏科技有限公司 注册地址：中国陕西省西安市长安区国家民用航天产业基地航天中路 388 号员工餐厅二楼 207 室；

生产地址：中国陕西省西安市长安区韦曲街办枣新路

证书注册号：00121En20299R0L/6100

建立的能源管理体系符合标准：

认证依据标准：GB/T 23331-2020 / ISO 50001:2018

RB/T101-2013；

《能源管理体系 要求》

获证组织能效指标及能耗核算边界

审核类型	审核开始日期	审核结束日期	审核周期单位产品能耗	能耗核算边界
初次认证/ 再认证	2021年11月4日	2021年11月8日	2021年1-9月份 光伏组件产品综合能耗:16621.69tce; 光伏组件产品单位 MW 综合能耗: 18170tce/MW; 单晶硅电池综合能耗 29574.04tce/万片; 单晶硅电池单位产品综合能耗 0.35 tce/万片	隆基乐叶光伏科技有限公司：位于中国陕西省西安经济技术开发区草滩生态产业园尚苑路 8369 号，10GW 光伏单晶体组件、5GW 光伏单晶硅电池的生产管理所涉及的能源管理活动；涉及附属生产系统：办公、食堂； 主要能源种类：电力、天然气； 滁州隆基乐叶光伏科技有限公司：位于中国安徽省滁州市淮安路 19 号，10GW 光伏单晶体组件的生产所涉及的能源管理活动，包括主要生产系统：铺设、串焊、叠层、层压、裁边、装框、固化、测试清洗、检测、包装； 辅助生产系统：变配电系统、空压系统、冷热水系统、锅炉、照明系统等； 附属生产系统：办公、宿舍、食堂； 主要能源种类：电力、天然气； 西安隆基乐叶光伏科技有限公司：位于中国陕西省西安市长安区韦曲街办枣新路，5GW 光伏单晶硅电池的生产所涉及的能源管理活动，包括主要生产系统：制绒、扩散、激光 SE、刻蚀、退火、镀膜、激光开槽、丝网印刷、烧结、测试分选； 辅助生产系统：变配电系统、冷冻水系统、空调系统、工艺循环冷却水系统、纯水系统、热水系统、空压系统、空分系统、废气废水处理系统、储运系统、照明等； 附属生产系统：办公、食堂； 主要能源种类：电力、天然气
第 1 次监督				
第 2 次监督				
第 3 次监督				

有效期至：2024 年 12 月 21 日



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管理体系  
MANAGEMENT SYSTEM  
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# Appendix

**Certified Client: LONGi Solar Technology Co., Ltd. (Including subsidiaries LONGi Solar Technology (Chuzhou) Co., Ltd., LONGi Solar Technology (Xi'an) Co.,Ltd.)**

**Address: LONGi Solar Technology Co., Ltd. Registered address/production address: No. 8369, Shangyuan Road, Caotan Eco-Industrial Park, Xi'an Economic and Technological Development Zone, Xi'an City, Shaanxi Province, P.R. China**

**LONGi Solar Technology (Chuzhou) Co., Ltd. Registered address/production address: No.19 Hua'an Road,Chuzhou City,Anhui Province,P.R. China**

**LONGi Solar Technology (Xi'an) Co.,Ltd. Registered address: Room 207,2nd Floor, Staff Restaurant, No .388,Aerospace Middle Road, National Civil Aerospace industey Base, Chang 'an District,Xi'an City, Shaanxi Province, P.R. China; Production address: Zaoxin Road, Weiqu Street Office, Chang'an District, Xi'an, Shaanxi, China**

**Certification No. : 00121En20299R0L/6100**

**Certification Standard: GB/T 23331-2020 / ISO 50001:2018**

**RB/T101-2013;**

has been awarded this certificate for compliance with the standard

<The Energy Management System-Requirements >

## Energy Performance Index & Energy Consumption Calculation Boundary

Audit type	Audit Beginning	Audit End	Energy Consumption for Unit Output of Product during the Audit Cycle	Energy Consumption Calculation Boundary
Initial Assessment/ Re-Certification	November 4, 2021	November 8, 2021	<p>January September 2021</p> <p>Comprehensive energy consumption of photovoltaic module products: 16621.69tce;</p> <p>Comprehensive energy consumption per unit MW of photovoltaic module products:18170tce/MW ;</p> <p>comprehensive energy consumption of monocrystalline silicon cells is 29574.04 tce / 10000 pieces;</p> <p>comprehensive energy consumption per unit product of monocrystalline silicon battery is 0.35 tce / 10000 pieces</p>	<p>LONGi Solar Technology Co., Ltd .Located at No. 8369, Shangyuan Road, caotan Ecological Industrial Park, Xi'an Economic and Technological Development Zone, Shaanxi Province, China, energy management activities involved in the production management of 10GW photovoltaic single crystal modules and 5GW photovoltaic single crystal silicon cells; Auxiliary production systems involved: office and canteen;</p> <p>Main energy types: electric power and natural gas;</p> <p>LONGi Solar Technology (Chuzhou) Co., Ltd. Located at No. 19 Hua'an Road, Chuzhou City, Anhui Province, China, energy management activities involved in the production of 10GW photovoltaic single crystal modules, including main production systems: laying, series welding, lamination, edge cutting, framing, curing, testing, cleaning, testing and packaging; Auxiliary production system: power transformation and distribution system, air compression system, hot and cold water system, air conditioning system, process circulating cooling water system, storage and transportation system, lighting, etc; Auxiliary production system: office, dormitory and canteen;</p> <p>Main energy types: electric power and natural gas;</p> <p>LONGi Solar Technology (Xi'an) Co.,Ltd. Located in zaoxin Road, Weiqu street, Chang'an District, Xi'an City, Shaanxi Province, China, the energy management activities involved in the production of 5GW photovoltaic monocrystalline silicon cells include the main production systems: flocking, diffusion, laser se, etching, annealing, coating, laser slotting, screen printing, sintering, testing and sorting; Auxiliary production systems: power transformation and distribution system, chilled water system, air conditioning system, process circulating cooling water system, pure water system, hot water system, air compression system, air separation system, waste gas and wastewater treatment system, storage and transportation system, lighting, etc; Auxiliary production system: office and canteen; Main energy types: electric power and natural gas</p>
First Surveillance				
Second Surveillance				
Third Surveillance				

Valid until : December 21, 2024



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