中国船级社质量认证有限公司
CHINA CLASSIFICATION SOCIETY CERTIFICATION CO., LTD.

通威组件文控中心 受控文件 DCC

能源管理体系认证证书
CERTIFICATE OF MANAGEMENT SYSTEM FOR ENERGY

编号：No.**00524En6633R0S**

兹证明

通威太阳能（南通）有限公司

（注册/运营地址：江苏省南通市开发区保税十路 8 号　邮编：226001；
统一社会信用代码：91320691MAC8AB035A）

This is to certify that the Management System for Energy (EnMS) of

TONGWEI SOLAR (NANTONG) CO., LTD.

(Registered/Operation Add: No.8, BONDED 10th ROAD, NANTONG DEVELOPMENT ZONE, NANTONG CITY, JIANGSU PROVINCE, 226001, P.R.CHINA; Uniform Code of Social Credit: 91320691MAC8AB035A)

建立的能源管理体系符合标准：**GB/T 23331-2020/ISO50001:2018 及 RB/T 101-2013《能源管理体系　电子信息企业认证要求》。**

has been found to conform to System Standard **GB/T 23331-2020/ISO50001:2018 and RB/T101-2013 Energy management systems-Requirements for certification on electronics and information enterprises.**

本证书对下述范围的能源管理体系有效：***太阳能光伏组件生产过程所涉及的能源管理活动*。**

This certificate is valid to the following scope for EnMS: ***MANUFACTURE PROCESS OF PV MODULES RELATED ENERGY MANAGEMENT ACTIVITIES*.**

本证书有效期至：**2027 年 12 月 24 日。**

This certificate is valid until: **24 December 2027.**

能源绩效信息见附件。/Energy performance information as shown in attachment.

中国船级社质量认证有限公司 证书专用章 Seal for Certificate (00-01)

EnMS

CNAS 中国认可 管理体系 MANAGEMENT SYSTEM CNAS C005-M

发证日期：**2024 年 12 月 25 日。**

Issued on: **25 December 2024.**

签　　发：

Issued by: **Tian Wei**

本证书根据中国船级社质量认证有限公司认证有关规则和程序规定签发。获证组织必须定期接受监督审核并经审核合格此证书方继续有效。当本证书包括证书附件时，则附件必须与主证书同时使用。每一页证书（含附件）均须有本公司盖章方可生效。任何单位或个人均不应摘录或节选本证书的内容。有关各方对所持证书的真实性有疑问时，可以向我公司咨询。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）上查询。

This Certificate is issued pursuant to China Classification Society Certification Co., Ltd. (CCSC) Rules for System Certification and related procedures. This certificate continues to be valid only by passing the periodic supervision. When the certificate consists of appendix(es), all the appendix(es) together with the certificate are taken as a whole and shall be used simultaneously. No certificate page is valid without bearing the stamp of CCSC. Any part of the certificate including the appendix(es) can not be extracted or abridged by any unit or individual in any form. Related parties who about the authenticity of the certificate may consult with CCSC.The information of this certificate can be inquired through the official website of Certification and Accreditation Administration of the People's Republic of China (www.cnca.gov.cn).

中国船级社质量认证有限公司
CHINA CLASSIFICATION SOCIETY CERTIFICATION CO., LTD.

能源管理体系认证证书附件(1/2)
ATTACHMENT OF EnMS CERTIFICATE

编号：No. **00524En6633R0S**

通威太阳能（南通）有限公司能源管理绩效如下：

TONGWEI SOLAR (NANTONG) CO., LTD. Energy management performance is as follows:

体系建立前 Before EnMS established			
♦初审 Initial audit □第 次监督 The _ surveillance □再认证 Recertification □其他 Other audit			
能耗统计开始日期 From	能耗统计截止日期 To	工业总产值（万元） Gross Output Value	企业综合能耗（吨标煤） Comprehensive Energy Consumption（CEC）
2023-10-01	2024-03-31	106835.57	2824.99

产品名称 Product	太阳能光伏组件 PV MODULES				
产品产量 Output	产量单位 Unit	综合能耗（吨标煤） CEC	单位产品综合能耗* CEC/Output	万元产值综合能耗 CEC/Output Value	万元产值增加值综合能耗* CEC/Added Value
1284.22	MW	2824.99	2.1998	0.0264	--
能耗核算边界	主要设施：激光划焊机、层压机、焊接机、EVA胶膜裁切机、叠焊机、装框机、打包机、空压机、水泵、空调、冰机等。 主要系统/过程：备料、划焊、叠焊、叠层、层压、装框、固化、检测、入库。				

中国船级社质量认证有限公司 证书专用章 Seal for Certificate (00-01) CHINA CLASSIFICATION SOCIETY CERTIFICATION CO., LTD.

本证书根据中国船级社质量认证有限公司认证有关规则和程序规定签发。获证组织必须定期接受监督审核并经审核合格此证书方继续有效。当本证书包括证书附件时，则附件必须与主证书同时使用。每一页证书（含附件）均须有本公司盖章方可生效。任何单位或个人均不应摘录或节选本证书的内容。有关各方对所持证书的真实性有疑问时，可以向我公司咨询。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）上查询。
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中国船级社质量认证有限公司
CHINA CLASSIFICATION SOCIETY CERTIFICATION CO., LTD.

能源管理体系认证证书附件(2/2)
ATTACHMENT OF EnMS CERTIFICATE

编号：No. **00524En6633R0S**

通威太阳能（南通）有限公司能源管理绩效如下：

TONGWEI SOLAR (NANTONG) CO., LTD. Energy management performance is as follows:

体系建立后 After EnMS established			
♦初审 Initial audit □第 次监督 The _ surveillance □再认证 Recertification □其他 Other audit			
能耗统计开始日期 From	能耗统计截止日期 To	工业总产值（万元） Gross Output Value	企业综合能耗（吨标煤） Comprehensive Energy Consumption（CEC）
2024-04-01	2024-10-31	288369.38	7547.92

产品名称 Product	太阳能光伏组件 PV MODULES				
产品产量 Output	产量单位 Unit	综合能耗（吨标煤） CEC	单位产品综合能耗* CEC/Output	万元产值综合能耗 CEC/Output Value	万元产值增加值综合能耗* CEC/Added Value
3766.25	MW	7547.92	2.0041	0.0262	--
能耗核算边界	主要设施：激光划焊机、层压机、焊接机、EVA胶膜裁切机、叠焊机、装框机、打包机、空压机、水泵、空调、冰机等。 主要系统/过程：备料、划焊、叠焊、叠层、层压、装框、固化、检测、入库。				

证书专用章 Seal for Certificate (00-01)

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