



上海环科环境认证有限公司

Shanghai Huanke Environmental Certification Co., Ltd.

能源管理体系认证证书

兹证明

达丰（上海）电脑有限公司

（统一社会信用代码：91310000607424985W）

（注册地址：上海市松江区三庄路58弄2号）

（生产经营地址：上海市松江综合保税区三庄路58弄2号）

建立的能源管理体系符合标准：

GB/T 23331-2020 / ISO 50001:2018 能源管理体系 要求及使用指南

RB/T 101-2013 能源管理体系 电子信息企业认证要求

通过认证范围如下：

达丰电脑在松江综合保税区三庄路58弄2号内与服务器和掌上电脑

以及相关配件的生产相关的能源采购、储存、输配和

使用以及余热余能回收相关的能源管理活动

（获证组织的能源绩效及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。获证组织须定期接受监督审核并经审核合格后此证书方继续有效。）

注册号：098 22 En1 011 R1 L

发证日期：2022年02月10日

有效期至：2024年01月04日

首次获证时间：2018年01月05日

签发人：

舒伟



中国认可
管理体系
MANAGEMENT SYSTEM
CNAS C098-M



扫描二维码验证本证书信息，有疑问请立即联系本机构。
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。



上海环科环境认证有限公司

Shanghai Huanke Environmental Certification Co., Ltd.

Energy Management System

CERTIFICATE

We hereby certify that

Tech-Front(Shanghai)Computer Co., Ltd.

(Unified Social Credit Code:91310000607424985W)

(Registered address: Number 2, Lane 58, Sanzhuang Road, Songjiang, District, Shanghai, China)

(Production and operation address: Number 2, Lane 58, Sanzhuang Road,

Songjiang Comprehensive Bonded Zone, Shanghai, P.R.China)

by reason of its Energy Management System

has been awarded this certificate for compliance with the standards

GB/T 23331-2020 / ISO 50001:2018

Energy Management Systems-Requirements with Guidance for Use

RB/T 101-2013

**Energy Management Systems - Certification Requirements for
on electronics and information enterprises**

The Energy Management System applies in the following area:

The energy management of server and palm-sized computer and their parts in energy purchase, energy transmission / distribution, energy usage and reuse of waste heat/ energy, which is carried out in Number 2, Lane 58, Sanzhuang Road,

Songjiang Comprehensive Bonded Zone, by

Tech-Front(Shanghai)Computer Co., Ltd .

(The energy performance and boundaries are detailed in the attached appendix bearing the same certificate number. The appendix forms an integral part of this certificate. The certified organization shall accept and pass surveillance audits at regular intervals to keep this certificate sustainedly effective.)

Certificate No.: 098 22 En1 011 R1 L

Date of issue: Feb.10, 2022

Date of expiry: Jan.04, 2024

Date of initial: Jan.05, 2018

Issued by:

舒伟



中国认可
管理体系
MANAGEMENT SYSTEM
CNAS C098-M



SCAN THE QR CODE TO VERIFY THIS CERTIFICATION.

CERTIFICATE INFO CAN BE INQUIRED ON THE OFFICIAL WEBSITE OF CNCA(WWW.CNCA.GOV.CN)



上海环科环境认证有限公司

Shanghai Huanke Environmental Certification Co., Ltd.

能源管理体系认证证书附件

证书编号：098 22 En1 011 R1 L

获证组织：达丰（上海）电脑有限公司

注册地址：上海市松江区三庄路58弄2号

生产经营地址：上海市松江综合保税区三庄路58弄2号

认证范围：达丰电脑在松江综合保税区三庄路58弄2号内与服务器和掌上电脑以及相关配件的生产相关的能源采购、储存、输配和使用以及余热余能回收相关的能源管理活动

认证依据：GB/T 23331-2020 / ISO 50001:2018 能源管理体系 要求及使用指南

RB/T 101-2013 能源管理体系 电子信息企业认证要求

本附件有效期至：2023年02月09日

获证组织能源绩效及能源管理体系边界：

审核类型及审核时间	单位产品/产值综合能耗	能源管理体系边界
2022.1.21 监督审核	2021.1-12 服务器组装产品单位产品能耗： 24.71 吨标煤/万台 万元产值综合能耗： 0.0071 吨标煤/万元	上海市松江综合保税区三庄路58弄2号





上海环科环境认证有限公司

Shanghai Huanke Environmental Certification Co., Ltd.

Appendix to Energy Management System Certificate

Certificate No.: 098 22 En1 011 R1 L

Organization Name: Tech-Front (Shanghai) Computer Co., Ltd.

Registered Address: Number 2, Lane 58, Sanzhuang Road, Songjiang District, Shanghai, China

Production Address: Number 2, Lane 58, Sanzhuang Road, Songjiang Comprehensive Bonded Zone, Shanghai, P.R.China

Scope of Certification: The energy management of server and palm-sized computer and their parts in energy purchase, energy transmission / distribution, energy usage and reuse of waste heat/energy, which is carried out in Number 2, Lane 58, Sanzhuang Road, Songjiang Comprehensive Bonded Zone, by Tech-Front(Shanghai)Computer Co., Ltd .

Certificate Criteria:

ISO 50001:2018 Energy Management System-Requirements with Guidance for Use

GB/T 23331-2020 / ISO 50001:2018 Energy management systems-Certification Requirements for on electronics and information enterprises

Expiry Date of This Appendix: Feb. 09, 2023

Energy Performance and EnMS Boundaries:

Audit Type and Date	Energy Consumption	Energy Management System Boundaries
21,Jan. 2022 surveillance audit	Jan.- Dec. 2021 Server and palm-sized computer and their parts unit power consumption: 24.71 tce/10 ⁴ pcs Output value unit energy consumption: 0.0071 tce/10 ⁴ RMB	Number 2, Lane 58, Sanzhuang Road, Songjiang Comprehensive Bonded Zone, Shanghai, P.R.China





上海环科环境认证有限公司

Shanghai Huanke Environmental Certification Co., Ltd.

能源管理体系认证证书

兹证明

大功（上海）电脑有限公司

（统一社会信用代码：91310000607424993P）

（注册地址：上海市松江区三庄路68号）

（生产经营地址：上海市松江综合保税区三庄路68号）

建立的能源管理体系符合标准：

GB/T 23331-2020 / ISO 50001:2018 能源管理体系 要求及使用指南

RB/T 101-2013 能源管理体系 电子信息企业认证要求

通过认证范围如下：

大功电脑在松江综合保税区三庄路68号的F1、F4、F5、F6、F7厂房内与

台式电脑和笔记本电脑以及相关配件的生产相关的能源采购、储存、

输配和使用以及余热余能回收相关的能源管理活动

（获证组织的能源绩效及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。获证组织须定期接受监督审核并经审核合格后此证书方继续有效。）

注册号：098 22 En1 009 R1 L

发证日期：2022年02月10日

有效期至：2024年01月04日

首次获证时间：2018年01月05日

签发人：

姜子伟



中国认可
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上海环科环境认证有限公司

Shanghai Huanke Environmental Certification Co., Ltd.

Energy Management System

CERTIFICATE

We hereby certify that

Tech-Com(Shanghai)Computer Co., Ltd.

(Unified Social Credit Code:91310000607424993P)

(Registered address: Number 68, Sanzhuang Road, Songjiang District, Shanghai,P.R.China)

(Production and operation address: Number 68, Sanzhuang Road, Songjiang Comprehensive Bonded Zone, Shanghai, P.R.China)

by reason of its Energy Management System
has been awarded this certificate for compliance with the standards

GB/T 23331-2020 / ISO 50001:2018

Energy Management Systems-Requirements with Guidance for Use RB/T 101-2013

Energy Management Systems - Certification Requirements for electronics and information enterprises

The Energy Management System applies in the following area:

The energy management of computer and laptop and their parts in energy purchase, energy transmission / distribution, energy usage and reuse of waste heat/energy, which is carried out in F1,F4,F5,F6,F7 building at Number 68, Sanzhuang Road, Songjiang Comprehensive Bonded Zone, by Tech-Com(Shanghai)Computer Co., Ltd .

(The energy performance and boundaries are detailed in the attached appendix bearing the same certificate number. The appendix forms an integral part of this certificate. The certified organization shall accept and pass surveillance audits at regular intervals to keep this certificate sustainedly effective.)

Certificate No.: 098 22 En1 009 R1 L

Date of issue: Feb.10, 2022

Date of expiry: Jan.04, 2024

Date of initial: Jan.05, 2018

Issued by:

朱子伟



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上海环科环境认证有限公司

Shanghai Huanke Environmental Certification Co., Ltd.

能源管理体系认证证书附件

证书编号：098 22 En1 009 R1 L

获证组织：达功（上海）电脑有限公司

注册地址：上海市松江区三庄路68号

生产经营地址：上海市松江综合保税区三庄路68号

认证范围：达功电脑在松江综合保税区三庄路68号的F1、F4、F5、F6、F7厂房内与台式电脑和笔记本电脑以及相关配件的生产相关的能源采购、储存、输配和使用以及余热余能回收相关的能源管理活动

认证依据：GB/T 23331-2020 / ISO 50001:2018 能源管理体系 要求及使用指南

RB/T 101-2013 能源管理体系 电子信息企业认证要求

本附件有效期至：2023年02月09日

获证组织能源绩效及能源管理体系边界：

审核类型及审核时间	单位产品/产值综合能耗	能源管理体系边界
2022.01.19 监督审核	2021.1-12 组装、SMT产品单位产品能耗： 3.60 吨标煤/万台	F1
	组装产品单位产品能耗： 32.48 吨标煤/万台	F4
	SMT、组装、无尘模压产品单位产品能耗： 7.04 吨标煤/万台	F5
	组装、无尘模压产品单位产品能耗： 6.50 吨标煤/万台	F6
	SMT、组装、无尘模压产品单位产品能耗： 9.69 吨标煤/万台	F7
	万元产值综合能耗： 0.0032 吨标煤/万元	上海市松江综合保税区三庄路68号





上海环科环境认证有限公司

Shanghai Huanke Environmental Certification Co., Ltd.

Appendix to Energy Management System Certificate

Certificate No.: 098 22 En1 009 R1 L

Organization Name: Tech-Com(Shanghai)Computer Co., Ltd.

Registered Address: Number 68, Sanzhuang Road, Songjiang District, Shanghai, P.R.China

Production Address: Number 68, Sanzhuang Road, Songjiang Comprehensive Bonded Zone, Shanghai, P.R.China

Scope of Certification: The energy management of computer and laptop and their parts in energy purchase, energy transmission / distribution, energy usage and reuse of waste heat/energy, which is carried out in F1,F4,F5,F6,F7 building at Number 68, Sanzhuang Road, Songjiang Comprehensive Bonded Zone, by Tech-Com(Shanghai)Computer Co., Ltd .

Certificate Criteria:

GB/T 23331-2020 / ISO 50001:2018 Energy Management System-Requirements with Guidance for Use
RB/T 101-2013 Energy management systems-Requirements for certification on electronics and information enterprises

Expiry Date of This Appendix: Feb. 09, 2023

Energy Performance and EnMS Boundaries:

Audit Type and Date	Energy Consumption	Energy Management System Boundaries
19,Jan. 2022 surveillance audit	Jan.- Dec. 2021 computer and laptop and their parts unit power consumption: 3.60 tce/10 ⁴ pcs	F1
	computer and laptop and their parts unit power consumption: 32.48 tce/10 ⁴ pcs	F4
	computer and laptop and their parts unit power consumption: 7.04 tce/10 ⁴ pcs	F5
	computer and laptop and their parts unit power consumption: 6.50 tce/10 ⁴ pcs	F6
	computer and laptop and their parts unit power consumption: 9.69 tce/10 ⁴ pcs	F7
	Output value unit energy consumption: 0.0032 tce/10 ⁴ RMB	Number 68, Sanzhuang Road, Songjiang Comprehensive Bonded Zone, Shanghai, P.R.China





上海环科环境认证有限公司

Shanghai Huanke Environmental Certification Co., Ltd.

能源管理体系认证证书

兹证明

达人（上海）电脑有限公司

（统一社会信用代码：91310000607424598G）

（注册地址：上海市松江区茸江路68号A、B、C栋）

（生产经营地址：上海松江综合保税区茸江路68号A、B、C栋）

建立的能源管理体系符合标准：

GB/T 23331-2020 / ISO 50001:2018 能源管理体系 要求及使用指南

RB/T 101-2013 能源管理体系 电子信息企业认证要求

通过认证范围如下：

达人（上海）电脑有限公司在上海松江综合保税区茸江路68号A、B、

C栋 上海广达制造城内的POS机、车载导航设备SMT生产，POS机、

车载导航设备组装和Apple基板维修过程中与能源采购、

输配、使用和余热余能回收利用有关的能源管理活动

（获证组织的能源绩效及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。获证组织须定期接受监督审核并经审核合格后此证书方继续有效。）

注册号：098 22 En1 010 R1 M

发证日期：2022年02月10日

有效期至：2024年01月04日

首次获证时间：2018年01月05日

签发人：

孙伟



中国认可
管理体系
MANAGEMENT SYSTEM
CNAS C098-M



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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。



上海环科环境认证有限公司

Shanghai Huanke Environmental Certification Co., Ltd.

Energy Management System

CERTIFICATE

We hereby certify that

Tech-Giant(Shanghai)Computer Co., Ltd.

(Unified Social Credit Code: 91310000607424598G)

(Registered address: A,B,C# No.68, Rongjiang Road, Songjiang District, Shanghai,P.R.China)

(Production and operation address:A,B,C# No.68, Rongjiang Road, Songjiang Comprehensive Bonded Zone, Shanghai, P.R.China)

by reason of its Energy Management System
has been awarded this certificate for compliance with the standards

GB/T 23331-2020 / ISO 50001:2018

Energy Management Systems-Requirements with Guidance for Use

RB/T 101-2013

**Energy Management Systems - Certification Requirements for
electronics and information enterprises**

The Energy Management System applies in the following area:

Procurement, transformation, transmission, usage of energy and application of energy saving technology associated with production and assembling for POS machine and SMT of vehicle navigation equipment, and repairing for Apple substrate, which is carried out at A、 B、 C# No. 68, Rongjiang Road, Songjiang Comprehensive Bonded Zone, by Tech-Giant(Shanghai) Computer Co., Ltd. in Shanghai Guangda manufacturing city.

(The energy performance and boundaries are detailed in the attached appendix bearing the same certificate number. The appendix forms an integral part of this certificate. The certified organization shall accept and pass surveillance audits at regular intervals to keep this certificate sustainedly effective.)

Certificate No.: 098 22 En1 010 R1 M

Date of issue: Feb.10, 2022

Date of expiry: Jan.04, 2024

Date of initial: Jan.05, 2018

Issued by:

李经纬



中国认可
管理体系
MANAGEMENT SYSTEM
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上海环科环境认证有限公司

Shanghai Huanke Environmental Certification Co., Ltd.

能源管理体系认证证书附件

证书编号：098 22 En1 010 R1 M

获证组织：达人（上海）电脑有限公司

注册地址：上海市松江区茸江路68号A、B、C栋

生产经营地址：上海松江综合保税区茸江路68号A、B、C栋

认证范围：达人（上海）电脑有限公司在上海松江综合保税区茸江路68号A、B、C栋上海广达制造城内的POS机、车载导航设备SMT生产，POS机、车载导航设备组装和Apple基板维修过程中与能源采购、输配、使用和余热余能回收利用有关的能源管理活动

认证依据：GB/T 23331-2020 / ISO 50001:2018 能源管理体系 要求及使用指南
RB/T 101-2013 能源管理体系 电子信息企业认证要求

本附件有效期至：2023年02月09日

获证组织能源绩效及能源管理体系边界：

审核类型及审核时间	单位产品/产值综合能耗	能源管理体系边界
2022.01.20 监督审核	2021.1-12 Apple基板（维修）单位产品能耗： 9.88 吨标煤/万台	QBUS-B
	POS机、导航、SMT产品单位产品能耗： 5.49 吨标煤/万台	QBUS-C
	万元产值综合能耗：0.257 吨标煤/万元	上海松江综合保税区茸江路68号A、B、C栋





上海环科环境认证有限公司

Shanghai Huanke Environmental Certification Co., Ltd.

Appendix to Energy Management System Certificate

Certificate No.: 098 22 En1 010 R1 M

Organization Name: Tech-Giant(Shanghai)Computer Co., Ltd.

Registered Address:A,B,C# No.68, Rongjiang Road, Songjiang District, Shanghai,P.R.China

Production Address:A,B,C# No.68, Rongjiang Road, Songjiang Comprehensive Bonded Zone, Shanghai, P.R.China

Scope of Certification: Procurement, transformation, transmission, usage of energy and application of energy saving technology associated with production and assembling for POS machine and SMT of vehicle navigation equipment, and repairing for Apple substrate, which is carried out at A、 B、 C# No. 68, Rongjiang Road,Songjiang Comprehensive Bonded Zone, by Tech-Giant(Shanghai) Computer Co., Ltd. in Shanghai Guangda manufacturing city.

Certificate Criteria:

GB/T 23331-2020 / ISO 50001:2018 Energy Management System-Requirements with Guidance for Use
RB/T 101-2013 Energy management systems-Requirements for certification on electronics and information enterprises

Expiry Date of This Appendix: Feb. 09, 2023

Energy Performance and EnMS Boundaries:

Audit Type and Date	Energy Consumption	Energy Management System Boundaries
20,Jan. 2022 surveillance audit	Jan.- Dec. 2021 Repairing for Apple substrate unit power consumption: 9.88 tce/10 ⁴ pcs	QBUS-B
	POS machine and SMT of vehicle navigation equipment unit power consumption: 5.49 tce/10 ⁴ pcs	QBUS-C
	Output value unit energy consumption: 0.257 tce/10 ⁴ RMB	A, B, C# No.68, Rongjiang Road, Songjiang Comprehensive Bonded Zone, Shanghai, P.R.China

