温控管理系统方案商

Temperature Control Management System Solution Provider



无锡莱多鑫科技有限公司

WUXI LANDKING TECHNOLOGY CO.,LTD.



About Us
企业简介>>

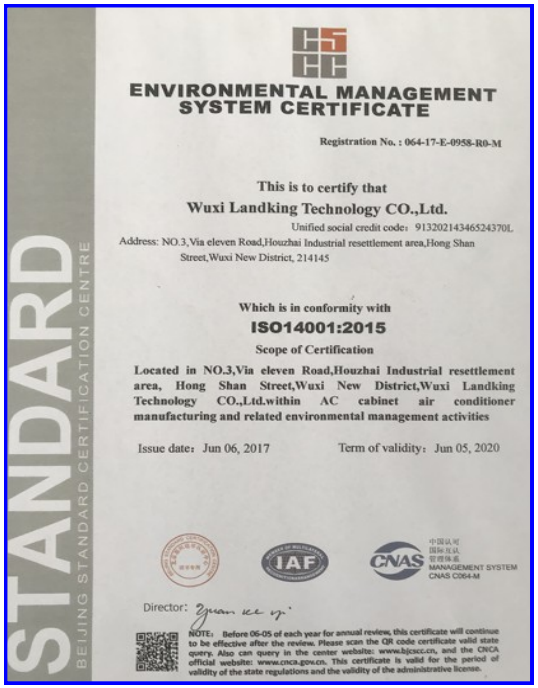
无锡莱多鑫科技有限公司致力于工业、电力、通信、新能源等行业提供机柜级、机房级和基站级等环境解决方案；公司坐落于华东商业圈—无锡，现有生产面积1万平米，拥有现代化生产线和科技型办公自动化，以及完善的检测实验室，年生产温控产品10万余台；在同类行业中具有领先水平。公司通过了ISO 9001/14001/18001 企业认证，企业以重视科技人员和高技能人才的培养，有完善的技术创新激励机制，目前已有员工本科以上占80%。

公司以“合作、共享、创新、发展”作为企业经营理念，凭借对市场的深刻了解，以及在温控系统管理领域的丰富经验，莱多鑫科技逐步成长为整体解决方案提供商。通过良好的经营机制、规范的科技管理、完善的质量体系，建立了产学研结合，服务与共享的运营平台;自主设计开发了机柜空调、机房空调、机柜换热器、直膨式热泵机组、氟冷板精密制冷机.

Wuxi Landking Technology Co., Ltd. is committed to provide the environmental solutions for cabinet, computer room and base station in industrial area, power electricity, telecommunications, new energy and other fields ; The factory is located in the East China Business Circle - Wuxi city which is only 30 minutes by high-speed train from Shanghai. The existing production area of 10,000 square meters, with modern production lines and scientific and technical office automation, as well as a complete testing laboratory. We annually produces more than 100,000 sets air conditioners to domestic and overseas customers, and has passed the ISO 9001/14001/1800 certifications.

Landking takes “cooperation, sharing, innovation, and development” as its business philosophy. With a deep understanding of the market and extensive experience in the field of temperature control system management, we has gradually grown into an overall solution provider. We independently designed and developed cabinet air conditioners, computer room air conditioners, cabinet heat exchangers, and direct expansion heat pump units. Fluorine cold plate precision refrigeration units, water coolers, oil coolers and other innovative products.

企业资质 Certifications



STANDARD
BEIJING STANDARD CERTIFICATION CENTRE

ENVIRONMENTAL MANAGEMENT SYSTEM CERTIFICATE

Registration No. : 064-17-E-0958-R0-M

This is to certify that

Wuxi Landking Technology CO.,Ltd.

Unified social credit code：91320214346524370L

Address: NO.3,Via eleven Road,Houzhai Industrial resettlement area,Hong Shan Street,Wuxi New District, 214145

Which is in conformity with

ISO14001:2015

Scope of Certification

Located in NO.3,Via eleven Road,Houzhai Industrial resettlement area, Hong Shan Street,Wuxi New District,Wuxi Landking Technology CO.,Ltd.within AC cabinet air conditioner manufacturing and related environmental management activities

Issue date：Jun 06, 2017　　Term of validity：Jun 05, 2020

Director: Yuan Ke Yi

NOTE: Before 06-05 of each year for annual review, this certificate will continue to be effective after the review. Please scan the QR code certificate valid state query. Also can query in the center website: www.bjcscc.cn, and the CNCA official website: www.cnca.gov.cn. This certificate is valid for the period of validity of the state regulations and the validity of the administrative license.



STANDARD
BEIJING STANDARD CERTIFICATION CENTRE

OCCUPATIONAL HEALTH AND SAFETY MANAGEMENT SYSTEM CERTIFICATE

Registration No. : 064-17-S-0959-R0-M

This is to certify that

Wuxi Landking Technology CO.,Ltd.

Unified social credit code：91320214346524370L

Address: NO.3,Via eleven Road,Houzhai Industrial resettlement area,Hong Shan Street,Wuxi New District, 214145

Which is in conformity with

GB/T28001-2011 idt OHSAS18001:2007

Scope of Certification

Located in NO.3,Via eleven Road,Houzhai Industrial resettlement area, Hong Shan Street,Wuxi New District,Wuxi Landking Technology CO.,Ltd.within AC cabinet air conditioner manufacturing and related occupational health and safety management activities

Issue date：Jun 06, 2017　　Term of validity：Jun 05, 2020

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中国国家强制性产品认证证书

证书编号：2017010703959607

委托人名称、地址

无锡莱多鑫科技有限公司
无锡市新区鸿山街道后宅工业安置区经十一路3号

生产者(制造商)名称、地址

无锡莱多鑫科技有限公司
无锡市新区鸿山街道后宅工业安置区经十一路3号

生产企业名称、地址

无锡莱多鑫科技有限公司
无锡市新区鸿山街道后宅工业安置区经十一路3号

产品名称和系列、规格、型号

交流机柜空调

LCA 010EA，LCA 013EA 220V 50Hz R134a

产品标准和技术要求

GB4706.1-2005；GB4706.32-2012；GB4343.1-2009；GB17625.1-2012

上述产品符合强制性产品认证实施规则
CNCA-C07-01:2014的要求，特发此证。

发证日期：2017年04月25日　　有效期至：2022年04月25日

证书有效期内本证书的有效性依据发证机构的定期监督获得保持。

本证书的相关信息可通过国家认监委网站www.cnca.gov.cn查询

主　任：

中国质量认证中心

中国·北京·南四环西路188号9区 100070

http://www.cqc.com.cn



Suzhou Electronic Product Test Institute Co., Ltd.
No.1 Zhineng Avenue, Yuexi, Wuzhong District, Suzhou, Jiangsu, China
Tel: (86)-512-67703240　Fax: (86)-512-66555929　Http: www.cjseti.org

CERTIFICATE OF LVD COMPLIANCE

*According to Directive **2014/35/EU***

Ref. No.: 2018S0319002E

Product	:	AC Air Conditioner
Applicant	:	WUXI LANDKING TECHNOLOGY CO., Ltd
Address	:	No.83th, Hongchang Road, Wuxi City, Jiangsu Province, PRC
Model	:	LCA003EA, LCA004EA, LCA005EA, LCA006EA, LCA008EA, LCA010EA, LCA013EA, LCA015EA, LCA020EA, LCA023EA, LCA025EA, LCA030EA, LCA035EA, LCA040EA, LCA045EA, LCA050EA
Rating	:	230V~　50Hz

The test sample of product has been passed, the test according to requirements of the following standards:

Standard(s):
EN 60335-2-40:2003
EN 60335-1: 2012

Test report(s) No.:
CJSETI-2018S0319002E

Based on the voluntary assessment of the product sample and technical file, we confirm that the above-mentioned product meets the requirements of the EC directive.

The CE mark as show below can be used, under the responsibility of the manufacturer or the importer, after completion of an EC declaration of conformity and compliance with all relevant EC directives.

CE

Approved by/Date: March 30, 2018

General Manager



Suzhou Electronic Product Test Institute Co., Ltd.
No.1 Zhineng Avenue, Yuexi, Wuzhong District, Suzhou, Jiangsu, China
Tel: (86)-512-67703240　Fax: (86)-512-66555929　Http: www.cjseti.org

CERTIFICATE OF EMC COMPLIANCE

*According to Directive **2014/30/EU***

Ref. No.: 2018E0319002E

Product	:	AC Air Conditioner
Applicant	:	WUXI LANDKING TECHNOLOGY CO., Ltd
Address	:	No.83th, Hongchang Road, Wuxi City, Jiangsu Province, PRC
Manufacturer	:	WUXI LANDKING TECHNOLOGY CO., Ltd
Address	:	No.83th, Hongchang Road, Wuxi City, Jiangsu Province, PRC
Model	:	LCA003EA, LCA004EA, LCA005EA, LCA006EA, LCA008EA, LCA010EA, LCA013EA, LCA015EA, LCA020EA, LCA023EA, LCA025EA, LCA030EA, LCA035EA, LCA040EA, LCA045EA, LCA050EA
Rating	:	230V~　50Hz

The test sample of product has been passed, the test according to requirements of the following standards:

Standard(s):
EN 55014-1: 2006+A1:2009+A2:2011
EN 55014-2: 2015
EN 61000-3-2:2014
EN 61000-3-3:2013

Test report(s) No.:
CJSETI-2018E0319002E

Based on the voluntary assessment of the product sample and technical file, we confirm that the above-mentioned product meets the requirements of the EC directive.

The CE mark as show below can be used, under the responsibility of the manufacturer or the importer, after completion of an EC declaration of conformity and compliance with all relevant EC directives.

CE

Approved by/Date: March 30, 2018

General Manager

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2.
C : 机柜级 Cabinet
S : 机房级 Shelter

3.
A: 空调 Air Conditioner
AE: 空热一体机 Combined unit of AC&HEX
E: 换热器 Heat Exchanger
T: TEC Peltier air cooler

4.
010: ***×100W 制冷能力
***×1W/K 换热能力

5.
E : 半嵌 Semi embedded
D : 门装 Door mounting
S: 壁挂式 Side mounting
R: 机架式 In-Rack split type
F : 分体式 Split type

6.
A : 交流 AC power
D : 直流 DC power
AD : 直流供电 AC-DC power
S: 三相电 Three-phase alternating current

空调-交流供电通讯行业 **Air Conditioner AC series** for Telecom —7
空调-交流供电电力行业 **Air Conditioner AC series** for electric power
空调-交流供电工业行业 **Air Conditioner AC series** for industry fields —
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制冷原理 Principle of Refrigeration

2、热交换器（冷凝器）
冷媒冷凝后从环境中释放热量
Heat exchanger
The refrigerant condensing heat release from the environment

3、膨胀阀
液体冷媒膨胀后温度下降
Expansion valve
The temperature of refrigerant decreases after expansion valve.



1、专用WHP压缩机
通过将气体冷媒进行压缩使其压力与温度上升，消耗电能
The compressed refrigerant with high temperature is obtained by compressors which consume electric energy.

4、热交换器（蒸发器）
冷媒蒸发后从环境中吸收热量
Heat exchanger
Refrigerant absorbs heat from the environment after evaporation.

应用领域 Application Domain



通信/ Communication
规格齐全，满足通信标准
Complete specifications, satisfy the communication standard



国家电网/Power
温湿度控制，实时监测
Temperature and humidity control, real time monitoring



新能源/new energy
云数据分析，远程控制
The cloud data analysis, remote control



智能工业/Intelligent industry
宽电压设计
The wide voltage design.



特殊环境/Special environment
高温环境下无故障运行
No fault operation under high temperature environment

温　控　管　理　系　统

Temperature Control Management system

新产品 New Product

>新推出温控产品适用于环境温度高达55℃,所集成的报警系统将会在系统运行异常时及时发出报警信号。

This new product is applied to the ambient temperature up to 55 degrees. The integrated alarm system will send out the alarm signal in time when the system is running abnormal.





多种安装选项 Multiple installation options

该产品包括顶部和侧面安装方式，以及纤巧规格型号，以便高效安装到控制面板开口内，大幅节省空间 The product in-

10KW

更大的功率适合任何环境条件

新产品冷却功率高达10KW　Larger power is suitable for



快速配置实时显示系统状态 Fast configuration of real-time display system status

+/-0.5℃

精准的温度控制Precise temperature control

为了使电机驱动器以及控制系统在安全的温度范围内运行,所有Landking温控产品都配备了精确电子恒温器控制系统,其温度精度高达(**+/-0.5℃) In order to make the motor drive and**

更高的额定温度范围,可应对任何恶劣环境The higher rated temperature range can cope with any harsh environment

Landking室外温控产品可以耐受极端环境条件，工作温度范围

CQC RoHS CE

新通过的认证 Qualified Certificates

- CE
- 3C



安装简单 Easy Installation

更换滤网无需任何工具,数秒即可完成 Replace the filter without any tool, and it can be

供电电压为220VAC, 主要应用于通讯领域各种控制柜的降温散热

Power supply is 220VAC, mainly used for cooling the temperature for cabinets in telecom communication fields.

◊ 低噪音、高能效、耐腐蚀、出众的高温性能； Low noise, high energy efficiency, corrosion resistance and outstanding high temperature performance.

◊ 内外循环完全隔离，确保没有灰尘、潮气等入侵设备内部，温度在20-50度之间可调节，
解决了通风散热带来的各种弊端 The internal and external circulation is completely isolated to ensure that there is no internal invasion of dust and moisture, and the temperature can be adjusted between 20-50 degrees.
All kinds of disadvantages brought by ventilation and heat dissipation have been solved



制冷量W（L35/L35）	料号	型号	安装方式	外形尺寸mm（含法兰）W*D*H	外形尺寸mm（不含法兰）W*D*H	IP防护	噪音dB（A）（@1.5m）	认证&测试
Cooling Capacity	P/N	Product Model	Mounting method	Dimension	Dimension（without flange)	IP	Noise	Certification
300 400	A2001	LCA003EA LCA004EA	半嵌入Semi-embedded	352*175*583	315*175*546	55	60	CE&3C
500 600	A2002	LCA005EA LCA006EA	半嵌入Semi-embedded	352*175*583	315*175*546	55	60	CE&3C
800 1000	A2003	LCA008EA LCA010EA	半嵌入Semi-embedded	482*175*782	445*175*745	55	65	CE&3C
1300 1500	A2004	LCA013EA LCA015EA	半嵌入Semi-embedded	482*200*782	445*200*745	55	65	CE&3C
2000 2300	A2005	LCA020EA LCA023EA	半嵌入Semi-embedded	482*200*782	445*200*745	55	65	CE&3C
2500 3000	A2006	LCA025EA LCA030EA	半嵌入Semi-embedded	536*225*1201	485*225*1150	55	65	CE&3C
3500 4000	A2007	LCA035EA LCA040EA	半嵌入Semi-embedded	550*300*1350	500*300*1300	55	65	CE&3C
5000	A2010	LCA050EA	半嵌入Semi-embedded	650*300*1350	600*300*1300	55	65	CE&3C
7500	A2011	LCA075EA	半嵌入Semi-embedded	711*350*1660	650*350*1600	55	65	CE&3C

供电电压为220VAC, 主要应用于电力领域各种控制柜的降温散热。

Power supply is 220VAC, mainly used for electric power field cabinet climate control.

◊ 采用环保冷媒R134a

◊ 内外循环完全隔离，确保没有灰尘、潮气等入侵设备内部，温度在20-50度之间可调节，解决了通风散热带来的各种弊端

◊ 具备4~20mA信号输出，多功能告警输出，系统运行实时监控，方便快捷的人机界面

◊ Using environmental friendly refrigerant R134a.

◊ The internal and external circulation is completely isolated to ensure that there is no internal invasion of dust and moisture, and the temperature can be adjusted between 20-50 degrees◊ With 4~20mA signal output, Multi-function alarm output, real-time system monitoring and convenient human-computer interface.



制冷量W（L35/L35）	料号	型号	安装方式	外形尺寸mm（含法兰）W*D*H	外形尺寸mm（不含法兰）W*D*H	IP防护	噪音dB（A）（@1.5m）	认证&测试
Cooling Capacity	P/N	Product Model	Mounting method	Dimension	Dimension（without flange)	IP	Noise	Certification
300 400	A2041	LCA003EA LCA004EA	半嵌入Semi-embedded	352*175*583	315*175*546	55	60	CE&3C
500 600	A2042	LCA005EA LCA006EA	半嵌入Semi-embedded	352*175*583	315*175*546	55	60	CE&3C
800 1000	A2043	LCA008EA LCA010EA	半嵌入Semi-embedded	482*175*782	445*175*745	55	65	CE&3C
1300 1500	A2044	LCA013EA LCA015EA	半嵌入Semi-embedded	482*200*782	445*200*745	55	65	CE&3C
2000 2300	A2045	LCA020EA LCA023EA	半嵌入Semi-embedded	482*200*782	445*200*745	55	65	CE&3C
2500 3000	A2046	LCA025EA LCA030EA	半嵌入Semi-embedded	536*225*1201	485*225*1150	55	65	CE&3C
3500 4000	A2047	LCA035EA LCA040EA	半嵌入Semi-embedded	550*300*1350	500*300*1300	55	65	CE&3C
5000	A2050	LCA050EA	半嵌入Semi-embedded	650*300*1350	600*300*1300	55	65	CE&3C
7500	A2051	LCA075EA 微正压	半嵌入Semi-embedded	711*350*1660	650*350*1600	55	65	CE&3C
	A2052	LCA075EA	半嵌入Semi-embedded	711*350*1660	650*350*1600	55	65	CE&3C

供电电压为220VAC, 主要应用于工业领域各种控制柜的降温散热
Power supply is 220VAC, mainly used for industry field cabinet climate control.

◊ 智能控制.
◊ 内外循环完全隔离，确保没有灰尘、潮气等入侵设备内部，温度在20-50度之间可调节，
解决了通风散热带来的各种弊端
◊ 适应于高温55度的T3工况
◊ Intelligent control.
◊ The internal and external circulation is completely isolated to ensure that there is no internal invasion of dust and moisture, and the temperature can be adjusted between 20-50 degrees◊ Adaptable for T3 condition which up to 55 degree tropic area.



制冷量W（L35/L35）	料号	型号	安装方式	外形尺寸mm（含法兰）W*D*H	外形尺寸mm（不含法兰）W*D*H	IP防护	噪音dB（A）（@1.5m）	认证&测试
Cooling Capacity	P/N	Product Model	Mounting method	Dimension	Dimension（without flange)	IP	Noise	Certification
300 500	A2020	LCA003SA LCA005SA	外挂Side		315*175*546	X4	60	CE&3C
800	A2021	LCA008SA	外挂Side		340*168*615	X4	65	CE&3C
1000	A2022	LCA010SA	外挂Side		381*165*793	X4	65	CE&3C
1500 2000	A2023	LCA015SA LCA020SA	外挂Side		412*170*1112	X4	65	CE&3C
2500 3000	A2024	LCA025SA LCA030SA	外挂Side		485*221*1150	X4	65	CE&3C
3500 4000	A2025	LCA035SA LCA040SA	外挂Side		500*300*1300	X4	65	CE&3C

供电电压为48VDC, 主要应用为工业领域各种控制柜的降温散热
Power supply is 48VDC, mainly used for industry field cabinet climate control.

◊ 采用环保冷媒R134A
◊ 内外循环完全隔离，确保没有灰尘、潮气等入侵设备内部，温度在20-40度之间可调节，
解决了通风散热带来的各种弊端
◊ 适应于高温55度的T3工况
◊ Using environmental friendly refrigerant R134A.
◊ The internal and external circulation is completely isolated to ensure that there is no internal invasion of dust and moisture, and the temperature can be adjusted between 20-50 degrees◊ Adaptable for T3 condition which up to 55 degree tropic area.





制冷量W（L35/L35）	料号	型号	安装方式	外形尺寸mm（含法兰）	外形尺寸mm（不含法兰）	IP防护	噪音dB（A）（@1.5m）	认证&测试
Cooling Capacity	P/N	Product Model	Mounting method	Dimension	Dimension（without flange)	IP	Noise	Certification
300	A1001	LCA003ED	半嵌入Semi-embedded	181*200*400	181*200*400	55	55	CE
300	A1002	LCA003SD	外挂Side	240*150*400	240*150*400	55	55	CE
500 600	A1003	LCA005ED LCA006ED	半嵌入Semi-embedded	352*175*583	315*175*546	55	55	CE
800 1000	A1004	LCA008ED LCA010ED	半嵌入Semi-embedded	482*175*782	445*175*745	55	65	CE
1500	A1005	LCA015ED	半嵌入Semi-embedded	482*200*782	445*200*745	55	65	CE
2000	A1006	LCA020ED	半嵌入Semi-embedded	482*200*782	445*200*745	55	65	CE
2500 3000	A1007	LCA025ED LCA030ED	半嵌入Semi-embedded	536*225*1201	485*225*1150	55	65	CE
3500 4000	A1010	LCA035ED LCA040ED	半嵌入Semi-embedded	550*300*1350	500*300*1300	55	65	CE

温控管理系统 Temperature Control Management System

新产品 New Product

>新推出空调热交换一体机、空气热交换机、水热交换机、热管式交换机，充分利用较冷的环境温度,可以确保内部与外部空气回路独立性的同时,进行大功率散热. Combined unit of AC&HEX、Air Heater exchanger、water heat exchanger, heat pipe type switch, make full use of the cold environment temperature, can ensure the independence of the internal





多种安装选项 Multiple installation options

该产品包括顶部和侧面安装方式，以及纤巧规格型号，以便高效安装到控制面板开口内，大幅节省空间Including top and side installation, as well as smart specifications

10KW

更大的功率适合任何环境条件10KW

Larger power is suitable for

简化操作，节省操作时间 Simplify Operation、Save time

IP55

防护等级 IP grade

所有侧面安装产品达到IP55防护等级All side mounting products reach IP55 protection level

新通过的认证 Qualified Certificate

- CE
- 3C

供电电压为220VAC, 主要应用在通信户外柜、电源柜、蓄电池柜、综合柜等
Power supply is 220VAC, mainly used for telecommunication outdoor cabinets, battery cabinet etc.

◊ 高效换热，性能稳定，耐腐蚀，是通信行业散热首选
◊ 智能控制，采用MODBUS协议，具备告警输出功能
◊ 采用直流风机，无极调速
◊ A reliable, high efficient and long lifetime cooling solution for telecom outdoor cabinet
◊ Intelligent controller built in for having remote control, alarming output.
◊ The fan speed can be regulated with low noise, high efficiency operation.



换热能力（W/K）	料号	型号	安装方式	外形尺寸mm（含法兰）W*D*H	外形尺寸mm (不含法兰) W*D*H	IP防护	噪音dB（A）(@1.5m)	认证&测试
Cooling Capacity	P/N	Product Model	Mounting method	Dimension	Dimension（without flange)	IP	Noise	Certification
60W/K	G2001	LCE060EA	半嵌入Semi-embedded	546*155*1001	495*155*950	55	65	CE
80W/K	G2002	LCE080EA	半嵌入Semi-embedded	546*155*1001	495*155*950	55	65	CE
100W/K	G2003	LCE100EA	半嵌入Semi-embedded	546*200*1001	495*200*950	55	65	CE
120W/K	G2004	LCE120EA	半嵌入Semi-embedded	546*200*1001	495*200*950	55	65	CE
150W/K	G2005	LCE150EA	半嵌入Semi-embedded	569*240*1297	518*240*1246	55	65	CE
180W/K	G2006	LCE180EA	半嵌入Semi-embedded	569*240*1297	518*240*1246	55	65	CE
200W/K	G2007	LCE200EA	半嵌入Semi-embedded	569*240*1297	518*240*1246	55	65	CE
300W/K	G2008	LCE300EA	半嵌入Semi-embedded	671*240*1297	620*240*1246	55	65	CE

热交换器-48V直流供电系统
Heat Exchanger– DC Series

供电电压为48VDC, 主要应用在通信户外柜、电源柜、蓄电池柜、综合柜等
Power supply is 48VDC, mainly used for telecommunication outdoor cabinets, battery cabinet etc.



◊ 高效换热，性能稳定，耐腐蚀，是通信行业散热首选
◊ 智能控制，采用MODBUS协议，具备告警输出功能
◊ 采用直流风机，无极调速
◊ A reliable, high efficient and long lifetime cooling solution for telecom outdoor cabinet
◊ Intelligent controller built in for having remote control, alarming output.
◊ The fan speed can be regulated with low noise, high efficiency operation.

换热能力（W/K）	料号	型号	安装方式	外形尺寸mm（含法兰）W*D*H	外形尺寸mm (不含法兰) W*D*H	IP防护	噪音dB（A）(@1.5m)	认证&测试
Cooling Capacity	P/N	Product Model	Mounting method	Dimension	Dimension（without flange)	IP	Noise	Certification
60W/K	G1001	LCE060ED	半嵌入Semi-embedded	546*155*1001	495*155*950	55	65	CE
80W/K	G1002	LCE080ED	半嵌入Semi-embedded	546*155*1001	495*155*950	55	65	CE
100W/K	G1003	LCE100ED	半嵌入Semi-embedded	546*200*1001	495*200*950	55	65	CE
120W/K	G1004	LCE120ED	半嵌入Semi-embedded	546*200*1001	495*200*950	55	65	CE
150W/K	G1005	LCE150ED	半嵌入Semi-embedded	569*240*1297	518*240*1246	55	65	CE
180W/K	G1006	LCE180ED	半嵌入Semi-embedded	569*240*1297	518*240*1246	55	65	CE
200W/K	G1007	LCE200ED	半嵌入Semi-embedded	569*240*1297	518*240*1246	55	65	CE
300W/K	G1008	LCE300ED	半嵌入Semi-embedded	671*240*1297	620*240*1246	55	65	CE

供电电压为220VAC/48VDC一体机,主要应用为户外柜、电源柜、蓄电池柜、综合柜等
Power supply is 220VAC/48VDC Combined unit of AC&HEX . Mainly used for industrial control cabinet, battery cabinet etc.

◊ 高效冷却，性能稳定，十年考验，耐腐蚀，是机柜散热首选
◊ 智能控制，采用MODBUS协议，具备告警输出功能
◊ 具备制冷、热交换、快速冷却三种模式，根据室温和环温自动调整
◊ Reliable, high efficient and long lifetime proven solution for Smart Grid cabinet cooling.
◊ Intelligent controller built in for having remote control, alarming output.
◊ Three working mode: active cooling＆heat exchanger＆combine cooling.





换热能力（W/K）	料号	型号	安装方式	外形尺寸mm（不含法兰）W*D*H	IP防护	噪音dB（A）（@1.5m）	认证&测试
Cooling Capacity	P/N	Product Model	Mounting method	Dimension（without flange)	IP	Noise	Certification
1000W-60W/K	D4001	LCAE010-060EAD	半嵌入Semi-embedded	410*200*847	55	65	CE
1500W-80W/K	D4002	LCAE015-080EAD	半嵌入Semi-embedded	505*200*945	55	65	CE
2000W-100W/K	D4003	LCAE020-100EAD	半嵌入Semi-embedded	514*220*1154	55	65	CE
2500W-120W/K	D4004	LCAE025-120EAD	半嵌入Semi-embedded	514*220*1154	55	65	CE
3000W-150W/K		LCAE030-150EAD	半嵌入Semi-embedded	514*220*1154	55	65	CE

空调热交换一体机-直流系例
Combined unit of AC＆HEX

供电电压为48VDC一体机, 主要应用为户外柜、电源柜、蓄电池柜、综合柜等

Power supply is 48VDC Combined unit of AC&HEX , Mainly used for industrial control cabinet, battery cabinet etc.

- ◊ 高效冷却，性能稳定，十年考验，耐腐蚀，是机柜散热首选
- ◊ 智能控制，采用MODBUS协议，具备告警输出功能
- ◊ 具备制冷、热交换、快速冷却三种模式，根据室温和环温自动调整
- ◊ Reliable, high efficient and long lifetime proven solution for Smart Grid cabinet cooling.
- ◊ Intelligent controller built in for having remote control, alarming output.
- ◊ Three working mode: active cooling＆heat exchanger＆combine cooling.



换热能力（W/K）	料号	型号	安装方式	外形尺寸mm（不含法兰）W*D*H	IP防护	噪音dB（A）（@1.5m）	认证&测试
Cooling Capacity	P/N	Product Model	Mounting method	Dimension（without flange)	IP	Noise	Certification
1000W-60W/K	D1001	LCAE010-060ED	半嵌入Semi-embedded	410*200*847	55	65	CE
1500W-80W/K	D1002	LCAE015-080ED	半嵌入Semi-embedded	505*200*945	55	65	CE
2000W-100W/K	D1003	LCAE020-100ED	半嵌入Semi-embedded	514*220*1154	55	65	CE
2500W-120W/K	D1004	LCAE025-120ED	半嵌入Semi-embedded	514*220*1154	55	65	CE
3000W-150W/K		LCAE030-150ED	半嵌入Semi-embedded	514*220*1154	55	65	CE

主要应用在电气设备柜的冷却

Mainly used for telecommunication outdoor cabinets, battery cabinet etc.



◊ 高效微通道换热技术，性能稳定

◊ 智能控制，采用MODBUS协议，具备告警输出功能

◊ IP55高防护等级, 保证柜内清洁干燥

◊ A reliable, high efficient and long lifetime cooling solution for telecom outdoor cabinet

◊ Intelligent controller built in for having remote control, alarming output.

◊ The fan speed can be regulated with low noise, high efficiency operation.

换热能力（W/K）	料号	型号	安装方式	外形尺寸mm（不含法兰）W*D*H	IP防护	噪音dB（A）（@1.5m）	认证&测试
Cooling Capacity	P/N	Product Model	Mounting method	Dimension（without flange)	IP	Noise	Certification
60W/K	G1021	LCE060ED	半嵌 Embedded	340*200*618	55	65	CE
80W/K	G1022	LCE080ED	半嵌 Embedded	400*146*900	55	65	CE
100W/K	G1023	LCE100ED	半嵌 Embedded	410*192*990	55	65	CE
120W/K	G1024	LCE120ED	半嵌 Embedded	410*192*990	55	65	CE
150W/K	G1025	LCE150ED	半嵌 Embedded	561*240*1300	55	65	CE
180W/K	G1026	LCE180ED	半嵌 Embedded	561*240*1300	55	65	CE
200W/K	G1027	LCE200ED	半嵌 Embedded	561*240*1300	55	65	CE

温控管理系统—



机架式空调 In-Rack split type air conditioner

- 单柜冷却，冷热隔离，能源充分利用Single cabinet cooling, cold and hot isolation, full utilization of energy

全面解决方案 Comprehensive solution

- 中小型企业数据中心机房冷却散热

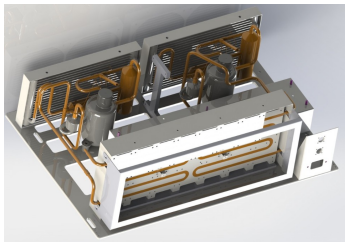


加热单元

- 紧凑的设计，导轨式安装，占用机柜空间小
- 采用绝缘PTC加热器，安全可靠性高
- 大循环风量，出风温度较低，更安全

全面解决方案

- 导轨式安装外加纤巧型规格
- 冷却功率500W、800W
- 电压220V



氟冷板制冷机

- 定点制冷的完美解决方案，高导热处理
- 埋管式设计，低蒸发，快速制冷

全面解决方案

- 整体式安装，纤巧型规格
- 冷却功率300W/600W/K
- 电压24V/48VDC



冷凝水蒸发单元

- 广泛应用于车间厂房不适合接管排放冷凝水的场景，智能化水位控制
- 安装便捷，蒸发除水能力可与莱多鑫空调完美匹配

全面解决方案

- 外挂式安装外加纤巧型规格
- 冷却功率500W



半导体空调

- 通信电池柜、迷你机柜制冷完美解决方案
- 智能控制，采用MODBUS协议，
- 具备告警输出功能

全面解决方案

- 半嵌式安装，纤巧型规格
- 冷却功率200W



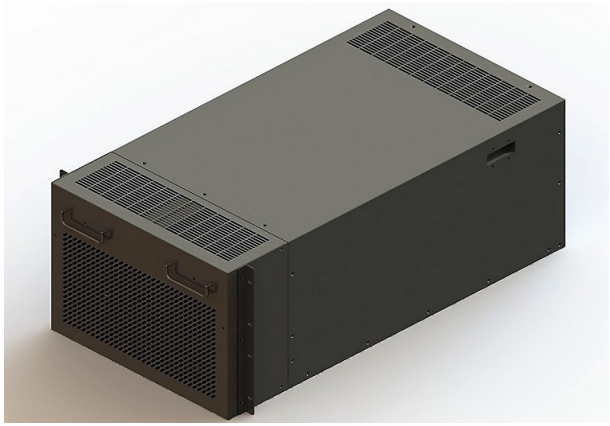
海立（日立）压缩机

适用于全球高效及普效产品，
多种电源（含交流，直流）
具有R22/R32/R407C/R410A多种冷媒

供电电压为220VAC, 主要应用在中小型企业数据中心机房冷却散热

Power supply is 220VAC, Focus on mini-ICT room heat management,
which widely used for small scade IT equipment cooling for middle size of enterprises etc.

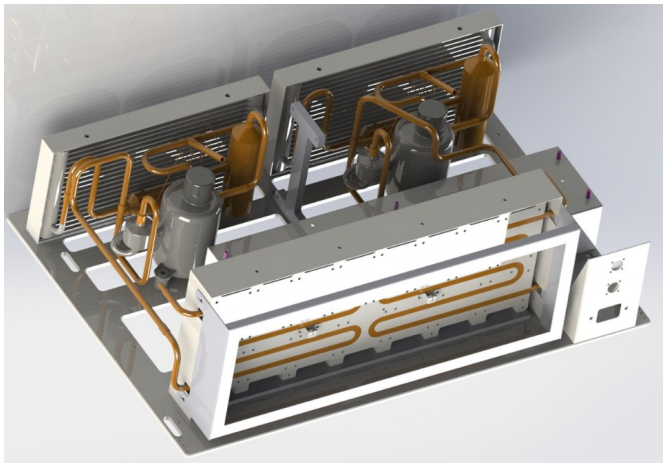
- ◊ 单柜冷却，冷热隔离，能源充分利用
- ◊ 高能效，紧凑设计，与服务器完美融合，美观大方
- ◊ 可视化数字显示界面，现场参数可调
- ◊ Cooling unit to be part of RACK with compact design to realize on-shot cooling, no cooling energy been wasted, eventually to realize highest efficiency operation.
- ◊ Cooling unit can be fabricated and installed in RACK manufactures, to minimize work load at size. installation.
- ◊ Visualization digital display interface, key parameters can be adjusted on field.



制冷量W（L35/L35）	料号	型号	安装方式	外形尺寸mm（含法兰）W*D*H	外形尺寸mm（不含法兰）W*D*H	IP防护	噪音dB（A）（@1.5m）	认证&测试
Cooling Capacity	P/N	Product Model	Mounting method	Dimension	Dimension（without flange)	IP	Noise	Certification
2500定频	E2001	LSA025RA	机架式	483*840*355	440*840*355	55	65	CE&3C
3500定频	E2002	LSA035RA	机架式	483*840*445	440*840*445	55	65	CE&3C
4000定频		LSA040RA	机架式	483*840*445	440*840*445	55	65	CE&4C

制冷量W（L35/L35）	料号	型号	安装方式	外形尺寸mm（含法兰）W*D*H	外形尺寸mm（不含法兰）W*D*H	IP防护	噪音dB（A）（@1.5m）	认证&测试
Cooling Capacity	P/N	Product Model	Mounting method	Dimension	Dimension（without flange)	IP	Noise	Certification
2500变频	E6001	LSA025RA	机架式	483*840*355	440*840*355	55	65	CE&3C
3500变频	E6002	LSA035RA	机架式	483*840*445	440*840*445	55	65	CE&3C
4000变频		LSA040RA	机架式	483*840*445	440*840*445	55	65	CE&3C

供电电压为24V/48VDC, 主要应用在芯片、电子等发热量较集中的直接式冷却方案
Power supply is 48VDC, mainly used for telecommunication outdoor cabinets, battery cabinet etc.



◊ 定点制冷的完美解决方案
◊ 埋管式设计，高导热处理
◊ 低蒸发，快速制冷
◊ 可实现多个系统控制
◊ Intelligent controller built in for having remote control, alarming output.
◊ Three working modes: cooling、heating、standby.

制冷量W（L35/L35）	料号	型号	安装方式	外形尺寸mm（不含法兰）W*D*H	IP防护	噪音dB（A）（@1.5m）	认证&测试
Cooling Capacity	P/N	Product Model	Mounting method	Dimension（without flange)	IP	Noise	Certification
300W	15010	LCT200ED	整体式 Embedded	定制	/	55	/
600W	15010	LCT200ED	整体式 Embedded	定制	/	55	/

供电电压为48VDC, 主要应用在通信户外柜、电源柜、蓄电池柜、综合柜等
Power supply is 48VDC, mainly used for telecommunication outdoor cabinets, battery cabinet etc.

◊ 通信电池柜、迷你机柜制冷完美解决方案
◊ 智能控制，采用MODBUS协议，具备告警输出功能
◊ 具备制冷、制热、待机三种工作模式
◊ Perfect cooling solution for telecom battery cabinet, mini cabinet heat dissipation.
◊ Intelligent controller built in for having remote control, alarming output.
◊ Three working modes: cooling、heating、standby.



制冷量W (L35/L35)	料号	型号	安装方式	外形尺寸mm (不含法兰)	IP防护	噪音dB（A） (@1.5m)	认证&测试
Cooling Capacity	P/N	Product Model	Mounting method	Dimension（without flange)	IP	Noise	Certification
200W	H1001	LCT200ED	半嵌 Embedded	400*200*178	55	55	CE
300W	H1002	LCT300ED	半嵌 Embedded	400*200*178	55	55	CE

供电电压为220VAC, 主要应用低温环境下对机柜电气的升温。
Power supply is 220VAC, Main application of low temperature environment on the cabinet electrical heating up.

◊ 紧凑的设计，导轨式安装，占用机柜空间小
◊ 采用绝缘PTC加热器，安全可靠性高
◊ 大循环风量，出风温度较低，更安全
◊ Compact design, standard DIN 35mm rail installation, smallest cabinet space occupied .
◊ The PTC element is insulated, which has higher safety and reliability level.
◊ Larger circulating air volume, enable hot air supply temperature lower.



制热能力（W） Heating Capacity	料号 P/N	型号 Product Model	外形尺寸(不含法兰) Dimension（without flange)	制冷工况：环境 安装方式 Mounting method	认证 Certification
500W	91010	LCH005A	/	导轨式 Rails dip DIN 35mm	CE. CCC
800W	91020	LCH008A	/	导轨式 Rails dip DIN 35mm	CE. CCC

冷凝水蒸发单元
Condensed water evaporation unit

供电电压为220VAC, 主要应用在工业领域对排水困难或环境敏感的场所

Power supply is 220VAC, Mainly used in the industrial field of drainage difficult or environmentally sensitive places.



◊ 广泛应用于车间厂房不适合接管排放冷凝水的场景，冷凝水直接蒸发变成水蒸气排放到大气中

◊ 智能化水位控制，根据水位情况自行启动蒸发除水

◊ 安装便捷，蒸发除水能力可与莱多鑫空调完美匹配

◊ 功率消耗小，按需智能控制排水，是节能减排理念在产品设计中的具体体现

◊ 工作状态有指示，冷凝水溢出或加热失效产生告警

◊ Widely used in does not fit to take over the discharge of condensed water scene; Through the direct the direct evaporation of condensed water vapor emissions into the atmosphere.

◊ Intelligent water level control, according to me water situation to start the water evaporation.

◊ Convenient installation , evaporation in addition to the ability of water to Landking air conditioning perfect match.

◊ Drainage, small power consumption, the intelligent control is the embodiment of the concept of energy conservation and emissions reduction in product design

◊ Working state have instructions, condensed water overflow or heating failure alarm .

功率（W） Capacity	料号 P/N	型号 Product Model	外形尺寸(不含法兰) Dimension（without flange)	安装方式 Mounting method	认证 Certification
500W	J2003	LCW005DA	362*130*60 mm	外挂 Side	CCC
1000W	J2003	LCW010DA	362*130*60 mm	外挂 Side	CCC



户外机柜冷却
Outdoor cabinet cooling



数据中心
Data center



电网的应用
Application of power grid









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