LINQDOM
联创域

LINQDOM · ENERGY STORAGE OEM/ODM DEVELOPMENT PARTNER

Energy Storage Solutions for OEM & ODM Product Development

面向 OEM/ODM 的储能产品开发合作伙伴

From market requirements to customized energy products,
LINQDOM supports design, engineering and production.

从市场需求到定制化能源产品，LINQDOM 支持产品设计、工程开发与生产落地。



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Why Energy Storage?

为什么需要储能?



Global energy demand is rising, renewable generation is growing, but solar and wind are intermittent. Energy storage bridges the gap between generation and consumption — making power reliable, flexible, and available when needed.

全球能源需求持续增长，可再生能源发电规模不断扩大，但光伏和风电具有间歇性。储能系统填补了发电与用电之间的缺口——让电力更可靠、更灵活、随取随用。

Growing Energy Demand

持续增长的能源需求

Global electricity consumption continues to rise across residential, commercial, and industrial sectors.

全球电力消费在居民、商业和工业领域持续增长。

Renewable Energy Transition

能源结构转型

Solar and wind are becoming the fastest-growing energy sources globally — but are weather-dependent.

太阳能和风能正成为全球增长最快的能源，但它们依赖于天气条件。

Intermittent Generation

可再生能源的间歇性

Solar generates power during the day; wind is unpredictable. Generation and consumption are often out of sync.

太阳能发电在白天进行，而风能则具有不可预测性。发电与用电往往不同步。

Energy Security & Resilience

能源安全与韧性

Grid instability, extreme weather, and power outages create demand for reliable backup solutions.

电网不稳定、极端天气和停电现象催生了对可靠备用解决方案的需求。

Backup Power Reliability

备用电源可靠性

Businesses and homes need power continuity — outages cost money, comfort, and in some cases, safety.

企业和家庭都需要电力供应不中断——停电不仅会造成经济损失，还会影响舒适度，甚至在某些情况下危及安全。

More Flexible Energy Systems

更灵活的系统调度

Energy storage enables load shifting, peak shaving, and grid services adding value beyond backup.

储能技术支持负荷转移、削峰填谷及电网服务，从而创造了超越备用电源功能的价值。

Key Benefits of Energy Storage

储能系统的核心价值



Backup Power

备用电源

Keep lights, appliances, and critical systems running during grid outages.

停电期间维持照明、电器和关键系统的正常运行。



Better Solar Utilization

优化光伏自用

Store excess solar energy generated during the day for use at night.

将白天富余的光伏发电储存起来，供夜间使用。



Energy Independence

能源独立

Reduce reliance on the grid and protect against rising electricity costs.

降低对电网的依赖，抵御电价波动带来的风险。



Energy Cost Management

能源成本管理

Shift load to off-peak hours and reduce peak demand charges.

将用电负荷转移至低谷时段，有效降低尖峰电费。



Flexible Deployment

灵活部署

Adapt system size, form factor,and configuration to any application scenario.

根据不同应用场景灵活调整系统容量、产品形态与配置方案。



Renewable Integration

新能源接入

Pair with solar PV to build complete clean energy systems for any building.

降低对电网的依赖，抵御电价波动带来的风险。

Energy Storage for Real-World Applications

面向真实应用场景的储能解决方案

Every application has unique energy needs. From homes to hotels, offices to off-grid sites, energy storage solutions must be designed around real requirements not fitted into a one-size-fits-all box.

每种应用都有独特的能源需求。从家庭到酒店，从写字楼到离网场景，储能解决方案必须围绕真实需求来设计——而非套用千篇一律的模板。



Residential

家用储能



Hospitality & Hotels

酒店民宿



Small Commercial

小型商业



Medical Emergency Backup

医疗应急备电



Solar +Storage

光储一体



Off-Grid

离网应用

These represent application scenarios and product development opportunities. We develop customized energy storage products tailored to specific use cases.Detailed specifications are available upon request.

以上为应用场景与产品开发方向的展示。我们可根据具体使用场景定制开发储能产品。详细参数可联系我们获取。

Energy Storage Designed Around Real-World Needs

围绕真实需求开发储能产品

Different scenarios demand different products. A home battery, a hotel backup system, and a mobile power unit share the same battery technology — but differ in form factor, capacity, interface, certification, and aesthetics. At LINQDOM, every product starts with the application.

不同应用场景对产品形态、容量、接口、认证和外观的要求各不相同。家用储能、酒店备用电源和移动储能设备共享相同的电池技术，但产品形态各异。在LINQDOM，每个产品都从应用场景出发。



What We Analyze for Every Project 每个项目我们都会分析以下要素

- **Power & Capacity Requirements**
  功率与容量需求
- **Load Profile & Usage Pattern**
  负载特性与使用模式
- **Backup Duration & Priority Loads**
  备用时长与优先负载
- **Installation Space & Environment**
  安装空间与环境条件
- **Target Market & User Profile**
  目标市场与用户画像
- **Certification & Compliance Needs**
  认证与合规需求

Why Partner with LINQDOM 为什么选择 LINQDOM

Product Development Capability
产品开发能力

From concept definition to engineering development, LINQDOM supports the complete product development journey.

从产品定义到工程开发，LINQDOM支持完整的产品开发流程。

Application Understanding
应用场景理解

Solutions designed around real-world energy storage applications.

围绕真实能源应用场景进行产品设计。

Flexible OEM/ODM Collaboration
灵活的 OEM/ODM 合作

Flexible cooperation models for customized energy products.

支持灵活的OEM/ODM合作模式，打造定制化能源

About LINQDOM
关于 LINQDOM

LINQDOM focuses on developing energy storage products for residential, commercial and specialized applications. We work with partners to transform market opportunities into customized energy solutions.

LINQDOM 专注于住宅、商业及特殊应用场景的储能产品开发。我们与合作伙伴共同将市场机会转化为定制化能源解决方案。

You Bring the Market Opportunity. We Develop the Product. 客户发现市场机会，我们将需求转化为产品。

From market insight to mass production, LINQDOM manages the complete product development journey. We work alongside our partners at every stage - from initial analysis through to a product ready for market.

从市场洞察到规模化量产，LINQDOM全程管理产品开发流程。我们与合作伙伴在各阶段紧密协作——从初步分析到产品上市。

DEFINE 定义

1 **Market Insight** 市场洞察
Identify market opportunity

2 **Application Analysis** 应用分析
Define power, capacity, use case

3 **Product Definition** 产品定义
Translate to specifications



Clarify market needs,target applications and product requirements.

明确市场需求、
目标应用场景与产品要求。

DEVELOP 开发

4 **Industrial Design** 工业设计
Form factor, aesthetics, UX

5 **Engineering Development** 工程开发
Electrical, mechanical, BMS

6 **Prototype Development** 样机开发
Proof of concept prototype



Translate requirements into design, engineering and working prototypes.

将产品需求转化为设计、工程与可
验证样机。

DELIVER 交付

7 **Testing & Validation** 测试与验证
Performance, safety, compliance

8 **Compliance Support** 法规与认证
Market-specific certifications

9 **Mass Production** 量产
Manufacturing scale-up & QC



Validate key requirements,support compliance needs and prepare for production.

验证关键要求，支持法规与认证，
并衔接量产。

From Market Opportunity to Production-Ready Product

从市场机会到可量产产品

LINQDOM supports the transition from market insight and product definition through engineering development, validation and production coordination.

LINQDOM 支持从市场洞察、产品定义，到工程开发、验证及生产协同的完整产品转化过程。

Product Development Capability

产品设计与开发能力

LINQDOM brings together the capabilities needed to take an energy storage product from concept to market — including industrial design, mechanical and electrical engineering, battery system integration, prototyping, and manufacturing support.

LINQDOM 汇聚了将储能产品从概念推向市场所需的全部能力——包括工业设计、机械与电气工程、电池系统集成、样机开发和制造支持。

Product Concept

产品概念设计

Define product positioning, target application and key functional requirements.

明确产品定位、目标应用场景及核心功能需求。

Mechanical Design

机械结构设计

Develop enclosure, structural layout and installation solutions.

开发外壳、结构布局及安装方案。

Battery System Integration

电池系统集成

Integrate battery modules, BMS and related system components.

集成电池模块、BMS 及相关系统组件。

Testing & Validation

测试与验证

Verify key functions, interfaces and application requirements.

验证关键功能、接口及应用要求。

Compliance Support ⚠ confirm

认证合规支持

Support compliance review and documentation based on project requirements.

根据项目要求支持合规评估及相关资料准备。

Industrial Design

工业设计

Develop product appearance, usability and form-factor direction.

开展产品外观、使用体验及整体形态设计。

Electrical Integration

电气系统集成

Coordinate electrical architecture, interfaces and system integration.

协调电气架构、接口及系统集成。

Prototype Development

样机开发

Build prototypes for functional verification and product refinement.

制作样机，用于功能验证与产品优化。

Manufacturing Integration

制造体系衔接

Prepare product design and documentation for repeatable production.

完善产品设计与相关资料，为重复生产做好准备。

Integrated Product Development Support

一体化产品开发支持

LINQDOM combines pr oduct definition, design, engineering, prototyping, validation and production preparation to support OEM and ODM cooperation.

LINQDOM 将产品定义、设计、工程开发、样机验证及生产准备进行整合，以支持 OEM 与 ODM 合作。

Capabilities marked for confirmation are subject to project-specific verification. Contact us for the latest capability summary.

标注待确认的能力需结合具体项目进行确认，最新能力范围请联系我们获取。

Residential Energy Storage Solutions

家用储能解决方案



LINQDOM provides residential energy storage solutions designed for modern home energy needs, including backup power, renewable energy integration, and flexible deployment scenarios.

LINQDOM 提供面向现代家庭能源需求的储能解决方案，覆盖家庭备电、光伏融合以及多种安装部署场景。

01

Flexible Capacity Options

灵活容量选择

Compact home backup to higher-capacity residential ESS.

从小型家庭备电到更高容量住宅储能方案。



02

Multiple Installation Formats

多种安装形式

Wall-mounted, mobile, and rack-mounted configurations.

支持壁挂式、移动式和机架式安装形式。



03

LiFePO4 Battery Technology

磷酸铁锂电池技术

Designed for safety, cycle life, and stable performance.

面向安全性、循环寿命和稳定性能设计。



04

OEM/ODM Ready Platforms

支持 OEM/ODM 开发

Adaptable for different markets, applications, and branding.

适配不同市场、应用与品牌需求。



Product Platforms 产品平台



Wall-Mounted Home Energy Storage

壁挂式家用储能

Compact solutions for home backup and solar integration.

面向家庭备电与光伏融合的紧凑型方案



Mobile Residential Energy Storage

移动式家用储能

Flexible storage for portable and residential applications.

面向可移动与家用应用的灵活方案



Rack-Mounted Home Energy Storage

机架式家用储能

Expandable platforms for higher capacity needs.

面向更高容量需求的可扩展平台

Starting from existing residential platforms, LINQDOM supports customized product development for different markets and applications.

基于现有家用储能产品平台，LINQDOM 支持面向不同市场和应用需求的定制开发。

Detailed specifications are available upon request.

详细产品参数可联系我们获取。

Energy Storage Solutions

储能产品系列

Our product line covers three core residential energy storage platforms and one integrated all-in-one system — wall-mounted, mobile, rack-mounted, and the All-in-One ESS with built-in inverter. All products use LiFePO4 (LFP) chemistry for safety and longevity.

我们的产品线涵盖三种家用储能平台和一款集成一体机——壁挂式、移动式、机架式，以及内置逆变器的一体式储能系统。全系采用磷酸铁锂（LFP）化学体系，确保安全与长寿命。

MOQ 1 Piece OEM

1 件起订

Low-volume ordering available for existing product platforms.

现有产品平台支持低起订量订单。

MOQ 100 Pieces ODM

100 件起订

Custom product development for volume cooperation.

面向批量合作的定制产品开发。

Wall-Mounted Home Energy Storage 壁挂式家用储能

K01 · K02 · K03 Series K01 · K02 · K03 系列



LQ-W5-K01

5.12 kWh • 51.2V

Wall-Mounted · 100Ah

壁挂式 · 磷酸铁锂



LQ-W10-K01

10.24 kWh • 51.2V

Wall-Mounted · 200Ah

壁挂式 · 磷酸铁锂



LQ-W15-K01

15.36 kWh • 51.2V

Wall-Mounted · 300Ah

壁挂式 · 磷酸铁锂



LQ-W16-K01

16.08 kWh • 51.2V

Wall-Mounted · 314Ah

壁挂式 · 磷酸铁锂



LQ-W5-K02

5.12 kWh • 51.2V

Wall-Mounted · 100Ah

壁挂式 · 磷酸铁锂



LQ-W10-K02

10.24 kWh • 51.2V

Wall-Mounted · 200Ah

壁挂式 · 磷酸铁锂



LQ-W5-K03

5.12 kWh • 51.2V

Wall-Mounted · 100Ah

壁挂式 · 磷酸铁锂



LQ-W10-K03

10.24 kWh • 51.2V

Wall-Mounted · 200Ah

壁挂式 · 磷酸铁锂

Mobile Residential Energy Storage 移动式家用储能

K04 Series K04 系列



LQ-W15-K04

15.36 kWh • 51.2V

Mobile · 300Ah

移动式 · 磷酸铁锂



LQ-W20-K04

20.48 kWh • 51.2V

Mobile · 400Ah

移动式 · 磷酸铁锂



LQ-W30-K04

30.72 kWh • 51.2V

Mobile · 600Ah

移动式 · 磷酸铁锂



LQ-W40-K04

40.96 kWh • 51.2V

Mobile · 800Ah

移动式 · 磷酸铁锂

Detailed specifications are available upon request. / 详细产品参数可联系我们获取。

Energy Storage Product Portfolio

储能产品系列

Mobile Residential Energy Storage 移动式家用储能

K05 Series & K06 Touch Display Series K05 系列 & K06 触控屏系列



LQ-W7.5-K05

7.68 kWh • 25.6V

Mobile · 300Ah · 25.6V ⚠

移动式 · 磷酸铁锂 ⚠非标准电压

⚠ 25.6V — verify inverter compatibility



LQ-W10-K05

10.24 kWh • 51.2V

Mobile · 200Ah

移动式 · 磷酸铁锂



LQ-W15-K05

15.36 kWh • 51.2V

Mobile · 300Ah

移动式 · 磷酸铁锂



LQ-W16-K05

16.08 kWh • 51.2V

Mobile · 314Ah

移动式 · 磷酸铁锂



LQ-W20-K05

20.48 kWh • 51.2V

Mobile · 400Ah

移动式 · 磷酸铁锂



LQ-W15-K06

15.36 kWh • 51.2V

Mobile · Touch Display · 300Ah

移动式 · 触控屏 · 磷酸铁锂



LQ-W30-K06

30.72 kWh • 51.2V

Mobile · Touch Display · 600Ah

移动式 · 触控屏 · 磷酸铁锂



LQ-W50-K06

51.20 kWh • 51.2V

Mobile · Touch Display · 1000Ah

移动式 · 触控屏 · 磷酸铁锂

Rack-Mounted Home Energy Storage 机架式家用储能

K01 Series & K02 Stacking Series K01 系列 & K02 堆叠系列



LQ-R5-K01

5.12 kWh • 51.2V

Rack-Mounted · 100Ah

机架式 · 磷酸铁锂



LQ-R10-K01

10.24 kWh • 51.2V

Rack-Mounted · 200Ah

机架式 · 磷酸铁锂



LQ-R15-K01

15.36 kWh • 51.2V

Rack-Mounted · 300Ah

机架式 · 磷酸铁锂



LQ-R05-K02

5.12 kWh • 51.2V

Rack-Mounted · 100Ah

堆叠式 · 磷酸铁锂

All-in-One Energy Storage System 一体式储能系统



LQ-W16-P6.5-K01

16.08 kWh • 51.2V

All-in-One ESS · 314Ah

储能一体机 · 磷酸铁锂



LQ-W1.0-P0.5-K01

1.0 kWh • 3.2V

Portable Power Station · 314Ah

便携式 · 磷酸铁锂



LQ-W2.0-P1.0-K01

2.0 kWh • 6.4V

Portable Power Station · 314Ah

便携式 · 磷酸铁锂

Energy Storage for Hospitality & Small Commercial Applications

酒店民宿与小型商业储能应用

Energy storage can support guest-related loads, peak demand management, backup requirements, EV charging, and on-site solar utilization across hotels, guesthouses, and similar properties.

储能系统可支持酒店、民宿等场景中的客用负载、高峰负荷管理、备电需求、电动车充电及现场光伏利用。





Hospitality & Hotels 酒店民宿

What We Consider 我们重点考虑

- Guest Comfort Power 客房舒适性相关用电
- Peak Demand Management 高峰负荷管理
- Backup for Critical Loads 关键负载备电
- EV Charging Support 电动车充电支持
- Solar Energy Utilization 光伏能源利用
- Flexible Property Applications 适配酒店、民宿及度假物业

Small Commercial 小型商业

What We Consider 每个项目我们都会考虑

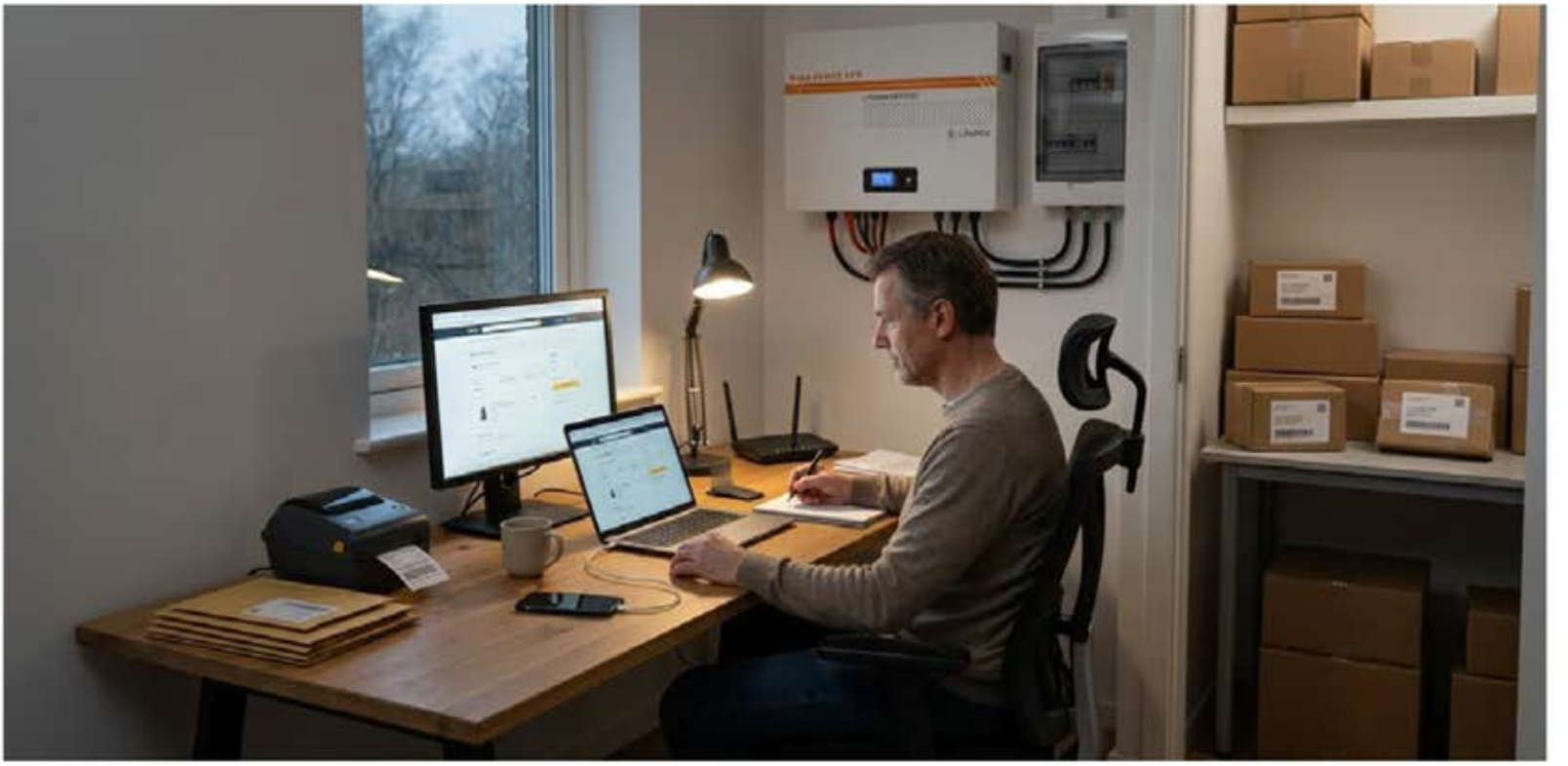
- Daily Energy Demand 日常用电负荷
- Peak Load Profile 峰值负载情况
- Backup Duration 备用时长需求
- Installation Space 可用安装空间
- Solar Integration 光伏接入条件
- Installation Environment 安装环境条件

These are development directions. We develop customized products tailored to specific scenarios and requirements. Detailed specifications are available upon request.

以上为开发方向展示。我们可根据具体场景和需求定制开发产品。详细参数可联系我们获取。

Reliable Energy for Critical and Special Applications

面向关键及特殊场景的可靠能源支持



Power continuity matters in many scenarios. From small business operations to emergency response, reliable energy storage ensures critical systems keep running when the grid does not.

在许多场景中，供电连续性至关重要。从小型商业运营到应急响应，可靠的储能系统可确保关键设备在电网中断时持续运行。

Small Business Backup

小型商业备用电源

Keep operations running during outages POS, refrigeration, lighting, and communications.

在停电期间维持 POS 系统、制冷设备、照明及通信系统的正常运行。

Emergency Backup Power

应急备用电源

Reliable energy for facilities where power continuity is important to operations.

为电力连续性对运营至关重要的设施提供可靠能源。

Critical Load Protection

关键负载保护

Battery systems designed for equipment and systems with strict power continuity requirements.

专为对电力连续性有严格要求的设备和系统而设计的电池系统。

Off-Grid Power Supply

离网供电

Standalone energy systems for locations without reliable grid access.

适用于无法可靠接入电网地区的独立能源系统。

Special Application Development

特殊应用定制开发

Custom energy storage solutions developed for unique operational requirements.

针对独特运营需求开发的定制化储能解决方案。

Application-Specific Development

面向具体应用的定制开发

System configuration canbe adapted to different backup duration,installation space and operating requirements.

系统配置可根据不同的备用时长、安装空间及运行要求进行调整。

"Energy storage solutions for emergency backup scenarios where continuity of power is important."

面向需要持续供电的紧急备用电力应用场景。

Prohibited wording: medical certified · medical-grade · hospital certified · life-support power · healthcare certified

× medical certified × medical-grade × hospital certified × life-support power × healthcare certified

Your Market. Your Product. Your Brand.

你的市场，你的产品，你的品牌。

You understand your market better than anyone. We turn your market insight into a product. Tell us what your customers need, and we develop the energy storage solution that fits.

你比任何人都了解你的市场。我们将你的市场洞察转化为产品。告诉我们你的客户需要什么，我们来开发匹配的储能解决方案。



What You Bring 您的输入

- Target Market 目标市场
- Application Scenario 应用场景
- Power Requirement 功率需求
- Battery Capacity 电池容量
- Size & Form Factor 尺寸与形态
- Aesthetic Requirements 外观要求
- Installation Method 安装方式
- Functional Requirements 功能需求
- User Requirements 用户需求
- Branding Requirements 品牌要求
- Target Certification Markets 目标认证市场

Flexible Cooperation Models 灵活的合作模式

MOQ 1 Piece — OEM

1 件起订

Existing product platforms, sample orders, and low-volume market entry support.

现有产品平台、小批量订单及市场导入支持。

Low-Volume | Sample Orders | Market Entry | Existing Platforms

MOQ 100 Pieces — ODM

100 件起订

Customized product development for volume cooperation.

面向批量合作的定制产品开发。

Custom Design | Volume Production | Quality Control | Supply Chain

Both models include full product development support · 两种模式均含完整产品开发支持

From Development to Production

从开发到生产

Good products are built through rigorous development and a structured manufacturing process. LINQDOM integrates product development with production capability to deliver consistent quality at scale.

优秀的产品源于严格的开发流程与结构化的制造体系。LINQDOM 将产品开发与生产制造深度衔接，实现规模化的一致品质。



⚠ This is a conceptual illustration and does not represent a specific LINQDOM facility.
本图为概念示意，不代表 LINQDOM 特定工厂现场。

01
Prototype & Testing
样机与测试

- Prototype Development
  样机开发
- Performance Testing
  性能测试
- Safety Validation
  安全验证
- Environmental Testing
  环境测试

02
Manufacturing & Quality
制造与质量

- Manufacturing Scale-Up
  量产导入
- Quality Control System
  质量管控体系
- Supply Chain Integration
  供应链整合
- Production Monitoring
  生产监控

03
Compliance Support
合规支持

- Market-Specific Certifications
  目标市场认证
- Documentation Preparation
  文件准备
- Test Report Coordination
  测试报告协调
- Ongoing Compliance Updates
  持续合规更新

Certification availability varies by product and target market. Please contact us for specific certification support information.

认证支持因产品和目标市场而异。具体认证支持信息请联系我们确认。

Prohibited claims: Global Certified · Worldwide Certification · Universal Compliance · 全球认证 · 国际认证

From Idea to Market
从创意到市场

A great energy storage product starts with a market insight and ends with a product your customers trust.
LINQDOM partners with distributors, installers, energy brands, and solution providers to build products that win in their markets.

一款出色的储能产品，始于市场洞察，成于客户信赖的产品。LINQDOM 与经销商、安装商、能源品牌和解决方案商携手，打造在其目标市场具有竞争力的产品。

Have a market opportunity or product idea? Let's discuss how LINQDOM can help turn it into an energy product.

如果您拥有市场机会或产品想法，欢迎与 LINQDOM 探讨如何将其转化为能源产品。

Your Role
您的角色

Market Opportunity
市场机遇

Application Requirements
申请要求

×

LINQDOM
Development Capability
开发能力

Product Definition & Design
产品定义与设计

Validation & Manufacturing
验证与制造

=

✓

Let's Build the Next Energy Product.

一起开发下一款储能产品。

Contact LINQDOM to discuss your energy storage project.

联系我们，讨论您的储能项目需求。

Long-Term Partnership 长期合作伙伴关系

01

Market Opportunity
市场机会

Identify target market needs and product opportunities.
识别目标市场需求与产品机会。

02

Product Development
产品开发

Translate market requirements into defined product solutions.
将市场需求转化为明确的产品解决方案。

03

Launch & Supply
上市与供货

Support product launch, production coordination and ongoing supply.
支持产品上市、生产协同与持续供货。

04

Continuous Improvement
持续优化

Refine products based on market feedback and evolving requirements.
根据市场反馈与需求变化持续优化产品。

Build products for today's market — and improve them for tomorrow.

共同开发面向当前市场的产品，并持续为未来需求优化。

LINQDOM
联创域

Let's Build the Next Energy Product Together

共同打造下一代能源产品

Contact LINQDOM to discuss your energy storage project.

联系我们，讨论您的储能项目需求

Scan to connect / 扫码联系我们

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Wechat微信

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