

Email: hienergy.intl@htszny.com

Add: 65/28 Rama IX Road, Huai Khwang, Bangkok, Thailand

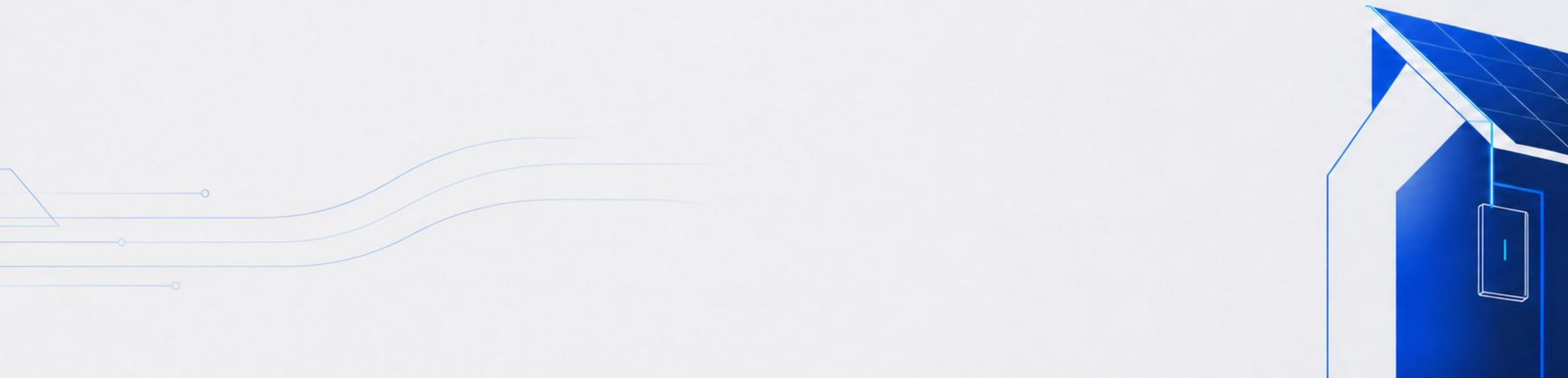
Web: www.hienergypower.com



NEXUSOLAR

定制化住宅绿色能源解决方案

NEXhome Energy Solutions for Modern Living





Nexusolar. Energy for What's Next.

科技不应是繁复累赘的设备，
Technology should never feel intrusive,
而是静默相伴的力量，
but quietly empower everyday life.

让家庭能源体验更进一步。
Nexusolar brings home energy to the next level.

从阳光充沛的热带午后，
From sun-drenched tropical afternoons,
到风雨骤至的断电时刻，
To unexpected storm outages,

始终保持舒适、稳定与从容。
Keeping your home comfortable, reliable and in control.

CONTENTS

01

About
Nexusolar

01 - 10

02

Scenario
Highlights

11 - 28

03

Products
& Services

29 - 46

04

Support &
Assurance

47 - 54

01

About Nexusolar



Hienergy (杭泰数智能源) 团队前身始于2009年, 专注于分布式光伏, 适用于工商业与户用, 集投资、设计、施工、销售和服务于一体。

With roots dating back to 2009, the Hienergy team specializes in distributed solar PV solutions for commercial, industrial, and residential applications—delivering fully integrated services spanning investment, design, construction, sales, and lifetime support.



9 GW
★
项目建设经验
Experience with projects

1.5 GW
★
自持电站数量
Self-owned power stations

2.9 Billion
★
注册资金 (美元)
Registered capital of USD

17 Year
★
行业深耕经验
Years of Industry Expertise

由杭实集团与正泰集团联合领投，依托国资巨头与上市公司股东的坚实背书。
Hienergy立足全球视野，已设立香港及泰国海外分公司，业务深度辐射泰国、马来西亚、越南等东南亚核心市场。

Jointly led by Hangshi Group(HIIG) and CHINT Group, Hienergy is backed by the solid foundation of state-owned enterprise giants and a listed corporate shareholder.
Driven by a global vision, Hienergy has established overseas entities in Hong Kong and Thailand while steadily expanding its presence across Southeast Asia through a growing regional network.



成立时间
Established in
2001

注册资本（美元）
Registered Capital
880 Million

营业收入（美元）
Operating Revenue
41.8 Billion

股票代码
Stock Code
601877

营业收入（美元）
Operating Revenue
26.1 Billion

中国企业500强
China's Top 500 Enterprises
No.151

Nexusolar 是 Hienergy 专为海外市场打造的高端户用储能品牌。
依托 Hienergy 在光伏领域的深厚积累，我们致力于为东南亚高端住宅提供安全、独立且智慧的全屋光储充体系。

Nexusolar is Hienergy's premium residential energy storage brand tailored specifically for international markets.
Leveraging Hienergy's deep expertise in photovoltaics, we are committed to delivering safe, independent, and intelligent whole-house solar, storage, and EV charging ecosystems for luxury residences across Southeast Asia.



源于一个简单的相信：让每一位客户，都能享受更高效、可靠的绿电价值。

Driven by a simple belief: every customer deserves access to more efficient, reliable, and sustainable energy value.

依托集团成熟的分布式能源生态，户用光储体系已在中国经受数百万用户验证，长期位居行业前列。成熟的运营经验与本地化服务能力，为 Nexusolar 的全球快速部署和高品质交付提供坚实支撑。

Backed by CHINT Group's mature distributed energy ecosystem, our residential energy solutions have been validated by millions of users in China and have consistently ranked among the industry leaders. This proven operational expertise and localized service capability provide strong support for Nexusolar's rapid global deployment and high-quality delivery.



在中国，每 4~5 户装光伏的家庭中，就有一户选择正泰集团生态。

In China, 1 in every 4 to 5 solar-equipped homes chooses the CHINT Group ecosystem.

- 超越单一设备商

国资双 500 强企业联合领投，具备极强的商业稳定性。

- More Than an Equipment Supplier

Backed by two leading state-owned enterprise groups, ensuring strong business stability.

- 成熟的户用能源生态

享用经过百万级家庭=规模真实检验的品控基因。

- Proven Residential Energy Ecosystem

Proven quality and reliability through real-world use by millions of households.

- 拒绝单纯“卖设备”

具备从方案规划到本地化响应的全流程服务能力。

- Proven Delivery Expertise

End-to-end capabilities, from solution planning to responsive local support.

- 采用一线系统产品

严格遵循本地市场的合规标准，确保发电效率持久可靠。

- Tier-One System Products

Built to meet local compliance requirements, ensuring lasting performance and reliability.



选择我们的理由

Why Choose Us



02

Scenario Highlights



系统组成

What is Home Energy Storage

光伏组件 PV

白天持续为家庭提供绿色电力

Continuously generate clean energy for your home during the day.



逆变器 Inverter

把光伏产生的电转换成家庭可用电

Converts solar power into usable electricity for your home.



家庭负载 Load

家中实际用电的设备

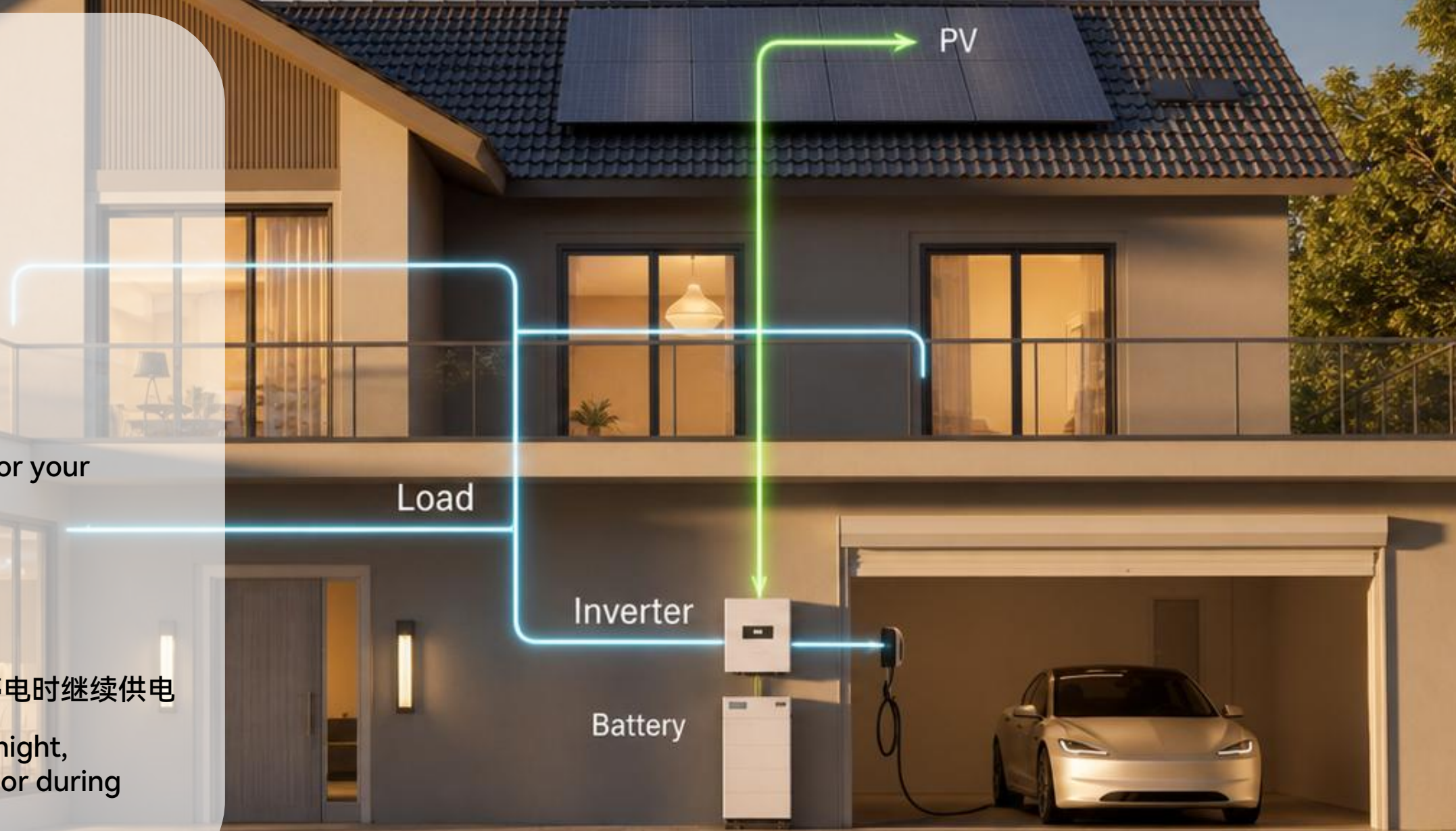
Appliances and devices such as ACs, Fridges, lights, TVs, and EV chargers.



储能电池 Battery

夜间、用电高峰或停电时继续供电

Provides power at night, during peak hours, or during outages.



家庭能源痛点

Home Energy Challenges

电价持续上涨

Rising Electricity Costs

高温峰值用电

High Energy Demand
During Extreme Heat

电力供应不稳定

Unstable Power Supply



多用阳光，少付电费

Use More Solar, Pay Less

白天多存太阳能，用电高峰少买电，
让每一度阳光都帮你省下电费。

Store more solar energy during the day and use less grid
power at peak times, helping you save more on electricity
bills.



全屋高能，把阳光存起来

Power Your Whole Home, Store the Sunshine

空调、泳池、充电桩放心开，告别跳闸与用电取舍。

Run your AC, pool equipment, and EV charger with confidence, without worrying about power trips or choosing what to turn off.

停电之外，生活依然如常

Life Goes On, Beyond Power Outages

无论外界风雨与波动，家的温暖、舒适与陪伴始终不被打扰。

Whatever the weather or grid conditions, the warmth, comfort, and moments shared at home remain uninterrupted.

为未来扩容，随需而变

Future-Ready, Built to Expand.

购入新大件，系统也能灵活扩展，无需一次配置到顶。

Adding new appliances?

The system can expand with your needs, so there's no need to overbuild from day one.



静享无声，融入家的优雅

Silent Living, Elevated Home Elegance

安静运行、零排放设计，
让户储成为家中的隐形守护者

Silent, clean, and effortless — home
energy storage quietly protects
your everyday life.



AI 能量管家，随心优雅掌控

AI Energy Manager, Effortless Control at Your Fingertips

发电、储能与收益一目了然，省心用能、轻松增益。

See your power generation, energy storage, and savings at a glance.

Enjoy effortless energy management and greater returns.



省电费 + 卖余电 + 享税惠

Save More. Earn More. Pay Less.

最高节省约70%家庭电费 Save Up to 70% on Electricity Bills

光伏+储能可将典型家庭的太阳能自用率从约20–30%提升至70%以上。

Solar + storage can increase household solar self-consumption from around 20–30% to over 70% in a typical residential scenario.

预计4–5年收回投资 Estimated 4–5 Year Payback for Years

通过节省电费的收益，典型家庭光伏系统预计约4–5年收回投资。

With electricity savings, a typical home solar system can achieve an estimated payback in around 4–5 years.

最高20万泰铢税收减免 Up to THB 200,000 Tax Deduction

符合条件的个人住宅并网光伏，设备及安装费用可按实际支出享受个人所得税减免，最高 20万泰铢。

Eligible homeowners can claim a personal income tax deduction of up to THB 200,000 for qualified rooftop solar installations.

多余电量也能产生收益 Earn from Surplus Solar Power

泰国户用光伏已开放余电上网，多余电量可按 2.2 THB/kWh 出售，购电期为 10年，每户出售容量最高 5 kW。

Sell surplus solar power back to the grid at THB 2.20/kWh under Thailand's residential Net Billing program.

03

Products & Services





高品质设备组合

Premium Equipment for Reliable Power



高效发电

同样的屋顶，尽可能多发电、多省电
More Power from Your Roof

稳定耐用

经得起长期户外运行，稳定陪伴家庭多年
Built for Long-Term Reliability

安全守护

从发电、储电到用电，多重保护覆盖整个系统
Safety at Every Step

智能管理

发多少、存多少、用了多少，手机随时掌握
Smart Energy at Your Fingertips



量身定制家庭能源方案

The Right Energy Solution for Every Home

我们会综合评估：
We assess your home based on:

- 屋顶面积与朝向
Roof size and orientation
- 日常用电量
Daily electricity usage
- 空调、热水器、电动车等主要负载
Major loads such as AC, water heaters, and EVs
- 停电备用需求
Backup power needs
- 未来扩容需求
Future expansion needs

匹配合适的光伏容量与储能容量。
Then we match the right solar and battery capacity for your home.

Your Home	Monthly Usage	Recommended Solution	Monthly Maxing Bill Savings(THB)
100-200 m ²	400 kWh	6-8 kW inverter + Optional 5-8 kWh Battery	3,000-4,500
200-300 m ²	650 kWh	8-10 kW inverter + Optional 8-12 kWh Battery	5,000-7,000
300-450 m ²	850 kWh	10-15 kW inverter + Optional 12-15 kWh Battery	7,000-10,000

严选全球主流 Tier 1 组件品牌

Premium Tier 1 Solar Modules from Global Brands

Up to 23%+ Module Efficiency

同样屋顶，发更多电 More Power from Your Roof

30 Years Power Warranty

30年持续稳定发电 Reliable Power for Decades

Operates from -40°C to +85°C

长期户外使用，也能稳定可靠 Ready for Sun, Rain & Heat

0.4% Annual Degradation

更低衰减，长期多发电 Low Degradation, More Energy Over Time



Maximum Module Power Output	650W
Maximum Module Efficiency	23.3%
Performance Warranty	30 Years
Annual Degradation Rate After First Year	0.4%
Weight (kg)	32.5kg
Dimension [W / D / H]	2382*1134*30mm
Operating Temperature Range	-40~+85°C

太阳能少浪费，多一点留给自己用
More Solar, Less Energy Loss

抵御高温、风雨与雷电挑战
Built for Heat, Rain & Storms

瞬时接管，全屋用电零感中断
Fast Backup When the Grid Goes

大功率电器同时使用，也能稳定供电
Power More of Your Home



125-425V宽电压
Wide MPPT Voltage Range
最高效率达 97.6%
Maximum Efficiency 97.6%

IP65高防护等级
IP65 Protection Degree
II型SPD浪涌保护
Type II SPD Surge Protection

< 0毫秒并离网切换
Grid/off-switching in < 0ms
< 35dB 静音运行
Operating below 35 dB

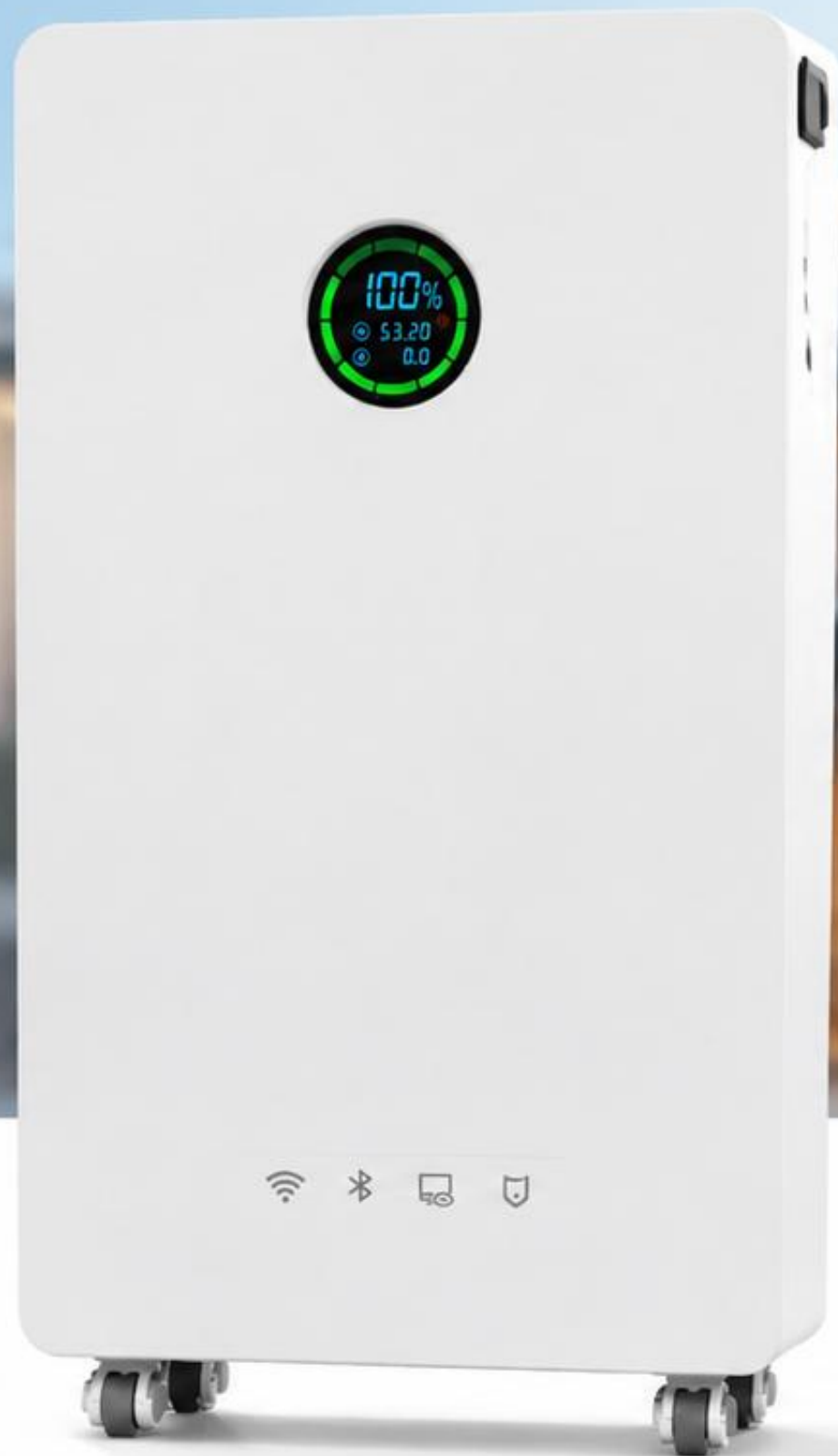
300%瞬时功率承载
300% Surge Capacity
智能散热系统
Intelligent Fan Cooling

高性能逆变器，释放更多能源价值

High-Performance Inverter, Maximizing Energy Value

1 Phrased
6kW 12kW

3 Phrased
10kW 15kW



5 | 10 | 16 kWh
Energy Capacity

- 陪伴更久 Built to Last
 - 磷酸铁锂电池技术 LiFePO_4 Battery Technology
 - 8000+ 次循环寿命 Cycle up to 8000 times
- 守护更稳 Safe by Design
 - 多重安全防护 BMS Protection
 - 电芯级监控 Cell-level Monitoring
- 输出更强 Power You Can Trust
 - $\leq 5 \text{ mV}$ 交付电压偏差 $\leq 5 \text{ mV}$ Voltage Deviation at Delivery
 - 全系列 100%A级电芯 100% Grade A Cells
- 未来可扩展 Ready for the Future
 - 多电池并联支持 Battery Sharing Parallel Units
 - 避免电池不匹配影响 Avoids the Battery Mismatch Effect

Floor-Standing & Wall-Mount Design
WIFI + Bluetooth Dual-Mode Connectivity

智能能源管理，掌控每一度电

Smart Energy Management, Control Every Watt



远程智控
Remote Control

出门在外，电器状态随时查看，一键开关
Check status anywhere. One-tap switching.

用电可看
Clear Insights

发电、用电、省钱，每笔账都清晰明了
Track generation, usage, and savings at a glance.

主动贴心
Proactive Care

异常提前预警，用电模式自动优化
Get alerts and auto-optimize modes to save power.

联接无忧
Easy Connectivity

一键设备组网，专属编码极速匹配
One-click device networking, code instant matching.



为你的家，设计更安全的能源系统

A Safer Energy System, Designed for Your Home

家庭负载分析

Energy Assessment

→ 了解家庭真实用电需求

Understand Your Home's

Real Energy Needs

线路安全设计

Professional Wiring

→ 合理线径与保护配置，降低安全风险

Proper Cable Sizing & Protection

for Safer Installation

系统容量规划

System Sizing

→ 光伏、逆变器、电池精准匹配

Precisely Match Solar, Inverter

& Battery Capacity

多重保护设计

Safety Protection

→ 防过载、防短路、防浪涌

Protection Against Overload,

Short Circuit & Surge

专业安装，让好系统真正落地

Professional Installation That Makes the System Work

- 主材、辅材均按质量标准筛选与验收，避免小配件影响整套系统可靠性。

All major and auxiliary materials are selected and inspected to ensure system reliability.

- 专业电工规范布线与接线，降低接触不良、线路杂乱等安全隐患。

Professional electricians follow standardized wiring practices to reduce electrical risks.

- 安装、调试、验收关键环节逐项检查，确保施工规范、系统稳定运行。

Key installation, commissioning and inspection steps are carefully checked for reliable operation.

- 协助办理相关许可及并网手续，减少业主沟通与办理成本。

Support with permits and grid connection procedures for a smoother process.

A Safer Energy System, Designed for Your Home



安全 (Safe)

源自集团百万级家庭验证的品控基因，车规级标准守护家庭用电安全。

Backed by proven quality genes, built to automotive safety standards.



品质 (Premium)

精工材质与严苛品控，完美契合高端大宅的技术与美学要求。

Precision craftsmanship and strict QC designed for high-end residences.



智慧 (Intelligent)

AI 智能能量调度，根据天气与用电习惯自动优化收益与续航。

AI-driven energy management that optimizes efficiency and cost savings automatically.

核心主张

Core Proposition



04

Support & Assurance



安心保障，长期无忧

Built for Peace of Mind

超长质保，只换不修
Extended Warranty
Replacement Only

光伏板15年，逆变器10年，电池10年
PV Panels 15 Years, Inverter 10 Years,
Battery 10 Years.

极速响应，问题不过夜
48-Hour Service
Rapid Response

12小时线上响应，48小时上门服务
12-hour Online Response.
48-hour On-site Service.

专属服务，全程无忧
Exclusive Service
Hassle-free Process

0元技术咨询，现场勘测一户一方案
0 THB Technical Consultation.
On-site Survey & Customized Plan.

主动运维，智能守护
Proactive O&M
Smart Protection

年度上门巡检，7× 24小时智能监控
Annual On-site Inspection.
7x 24-hour Smart Monitoring.

商业保险，兜底保障
Commercial Insurance
Safety Net Guarantee

全系统投保商业险，投资更安心
Full System Commercial Insurance.
Invest with Peace of Mind.



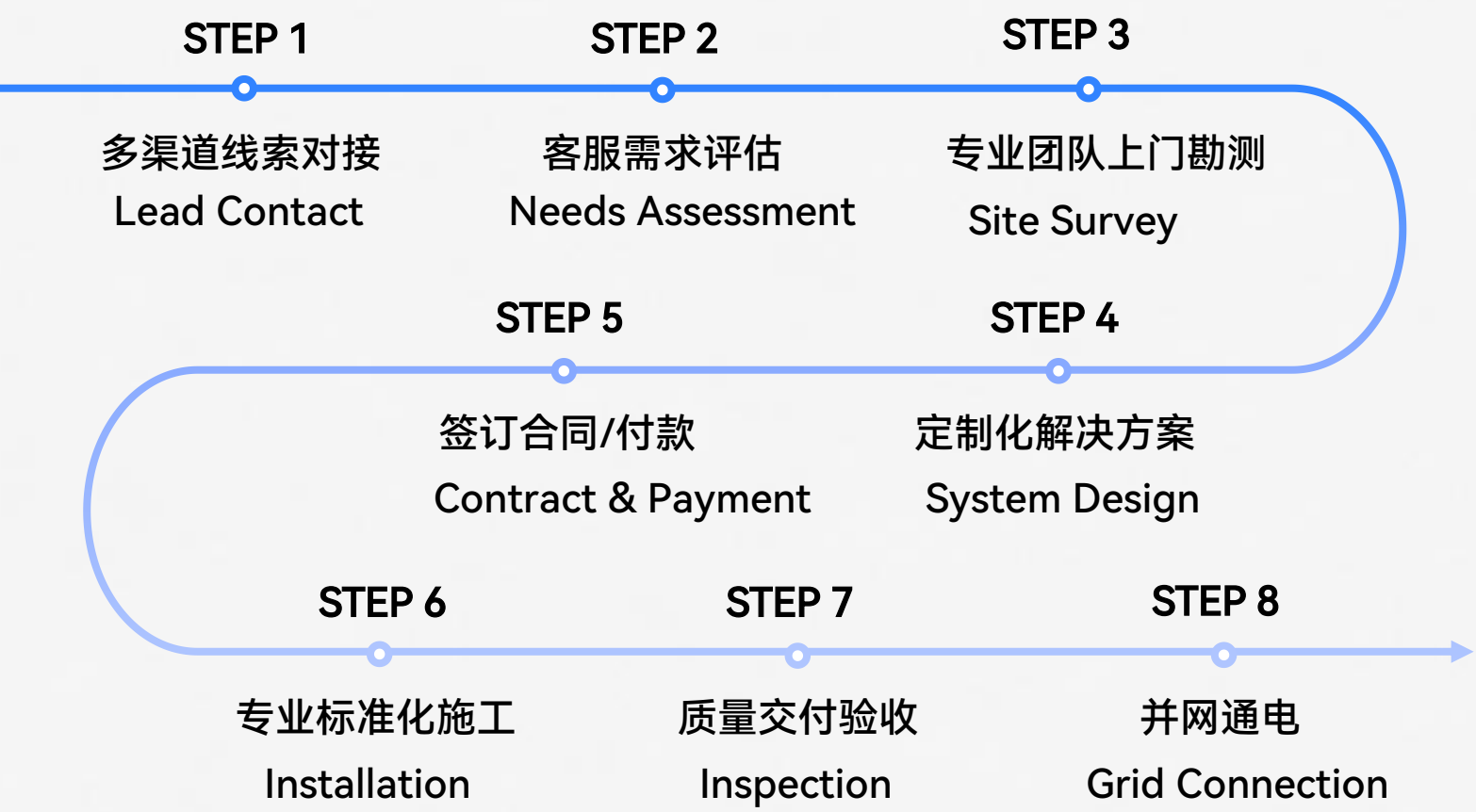
充电桩：主机质保4年
充电枪（含枪线）：质保2年
ACBOX：质保5年
Main Unit: 4 Years
Charging Gun (with Cable): 2 Years
AC Box: 5 Years

光伏组件：质保15年
逆变器：质保10年
储能：质保10年
NEXHOME：终身免费运维
PV module: 15-Year Warranty
Inverters: 10-Year Warranty
Energy Storage: 10-Year Warranty
NEXHOME: Lifetime Free Maintenance

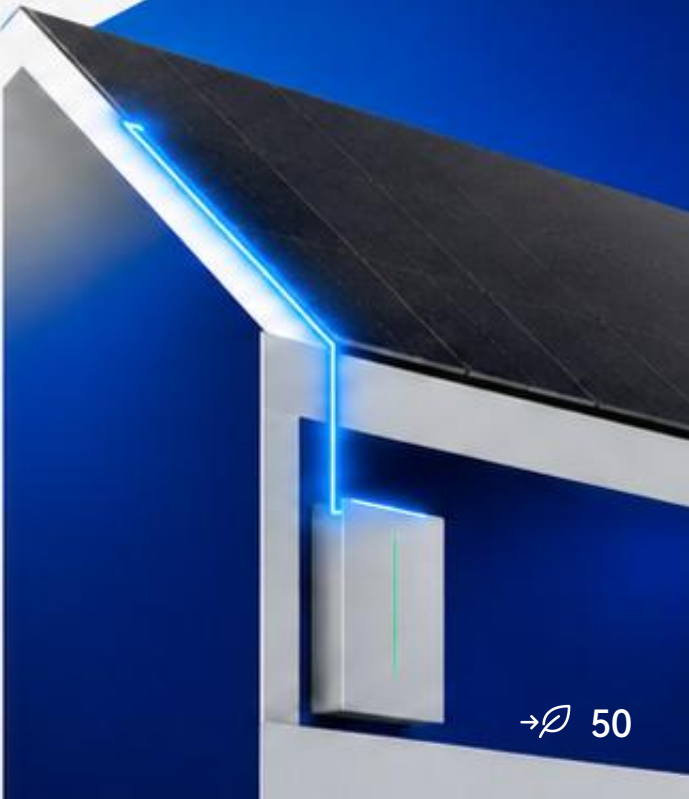


全周期服务标准

Full Cycle Service Standard



- 持证团队标准化施工，服务团队保障品质体验。
Certified professionals deliver standardized installation, backed by a dedicated service team for a premium customer experience.
- 尊享签约仪式，明确 10 年质保与权益保障。
A formal signing ceremony clearly confirms your 10-year warranty coverage and service benefits.
- 专业团队 1 对 1 上门勘测，精准匹配大宅美学。
One-on-one site surveys by specialists ensure precise system planning that complements your home's aesthetics.
- 本地渠道极致透明，提供全生命周期快速运维保障。
A transparent local service network provides rapid operations and maintenance support throughout the system's lifecycle.





关于你最关心的问题

FAQ

Q

停电时，储能系统还能供电吗？

A

可以。系统检测到电网停电后，可自动切换至备用供电，为照明、冰箱、网络、空调等重要负载持续供电。实际可用设备取决于系统容量与备用回路设计。

Q

一块电池可以为家庭供电多久？

A

供电时间取决于电池容量和家庭实时用电量。例如，10kWh 电池在平均负载为 1kW 时，理论上可供电约 8-10 小时。专业负载评估可提供更准确的结果。

Q

家庭储能系统安全吗？

A

正规系统通常具备过充、过放、过流、短路、过温和浪涌保护，并通过电池管理系统持续监测运行状态。安全性还取决于合格设备、正确选址和专业安装。

Q

电池可以使用多少年？

A

多数磷酸铁锂电池的设计寿命约为 10-15 年，具体取决于循环次数、放电深度、环境温度和使用方式。选择可靠产品和合理运行策略有助于延长寿命。

Q

系统需要经常维护吗？

A

家庭储能系统日常维护较少，但建议定期检查设备状态、接线、散热环境和系统告警，并保持软件与控制策略更新。远程监控可以帮助及时发现异常。

Q

下雨天，光伏组件会不会漏电？

A

合格组件、直流连接器和线缆具备相应的绝缘与防护能力。只要接头压接规范、线缆无破损、设备正确接地，正常雨天使用通常是安全的。



关于你最关心的问题

FAQ

Q

Can the system provide power during an outage?

A

Yes. When a grid outage is detected, the system can automatically switch to backup power for essential loads such as lighting, refrigerators, Wi-Fi and air conditioning. Available appliances depend on system capacity and backup-circuit design.

Q

How long can one battery power a home?

A

Backup duration depends on battery capacity and household consumption. For example, a 10kWh battery may provide approximately 8–10 hours of power at an average 1kW load. A professional load assessment gives a more accurate estimate.

Q

Is home energy storage safe?

A

Certified systems typically include protection against overcharging, over-discharging, overcurrent, short circuits, overheating and surges. Safety also depends on qualified equipment, proper placement and professional installation.

Q

How long does a home battery last?

A

Most lithium iron phosphate batteries are designed to last approximately 10–15 years. Actual life depends on cycle count, depth of discharge, temperature and usage patterns. Quality equipment and optimized operation help extend battery life.

Q

Does the system require regular maintenance?

A

Home energy storage requires minimal routine maintenance. Periodic checks of equipment status, wiring, ventilation and system alerts are recommended, along with software updates. Remote monitoring helps identify issues early.

Q

Can solar panels leak electricity when it rains??

A

Certified modules, DC connectors and cables are designed with appropriate insulation and environmental protection. Proper connections, undamaged cables and correct grounding help ensure safe operation in rainy conditions.