

To Energize Billions  
With You

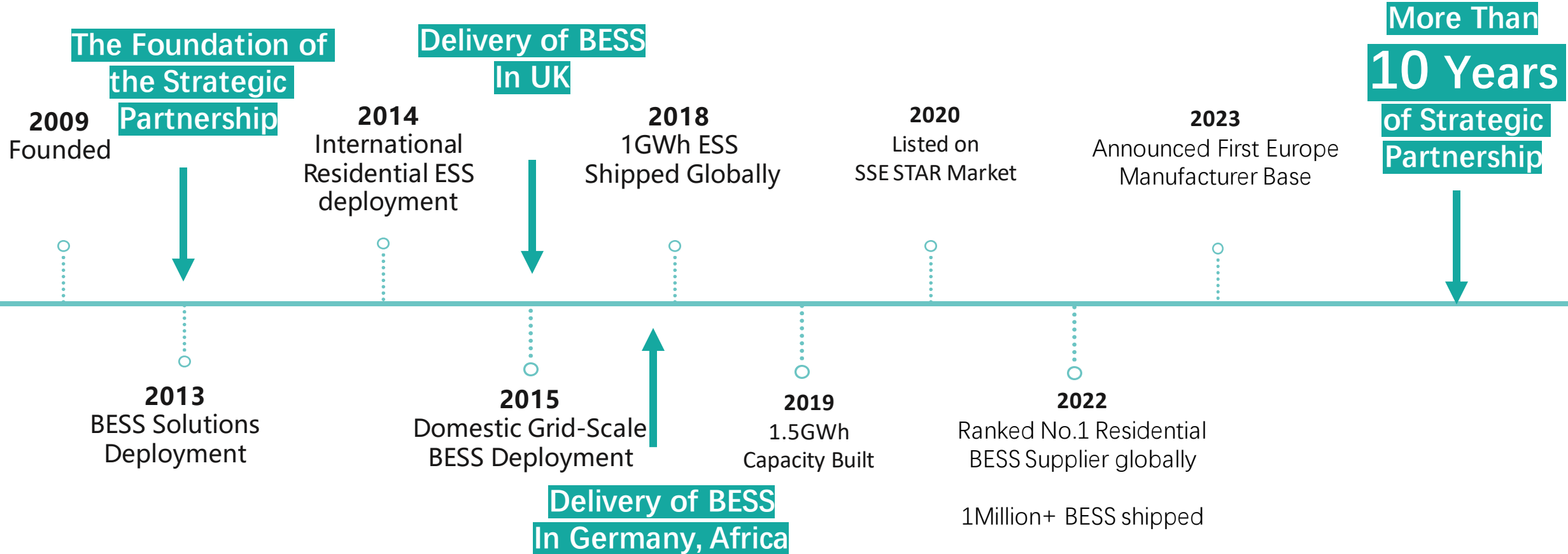
# The Story of Energy Freedom



Almost 10 Years  
of Strategic Partnership



# Almost 10 Years of Strategic Partnership



Who We Are

# A Dedicated BESS Provider

## Your Reliable Partner



# Why Pylontech

## Strong R&D Strength

### Professional Team

- **10+ years** experience of energy storage
- **28.92%** on the total employee
- **590+** Researchers
- Researchers with Doctor, Master, Bachelor's Degrees

### High Investment

- **6%+** on R&D
- Steady increases year on year in R&D

### Core BESS Technology

- **LFP Cell** with 10+ years' technology accumulation
- 1<sup>ST</sup> TUV Certificated **Sodium Battery**
- Core Material, Pack

### Authoritative Recognition

- **238+** Patents

### Innovative R&D Platform

- 3 R&D Centers
- 1 Research Institute
- Postdoctoral innovation base
- Cooperation with top institute globally



Source: Pylontech 2023 ESG Report

## Continuous and latest innovations are...

**More Precise SOC** empower by iterated Algorithm

**Higher Power** in a larger **environmental range** empowered by Adaptive Technology for Temperatures under All Working Conditions

**Higher Cycle Life**

- 175+ Wh/kg
- **13,000+** Cycle life(**15,000+** is expected to be reached)
- **20+ Years** of Design life

**1<sup>st</sup> Sodium Battery** certified by TUV

# Why Pylontech

## Extreme Manufacturing

### Vertical Production Chain

Cell → BMS → PACK → MODULE → BATTERY SYSTEM → BESS Solutions

#### Production Capacity

8.5GW  
4 Manu Plants

#### Quality Assurance

- **100%** Test Ratio of Cell before delivery
- World-leading Test Lab
- Multi-tests
- Traceable data during full-lifecycle



# Why Pylontech

## Your Reliable & Flexible BESS

### Stable Safety

- LFP Cell
- BMS Protection
- Full-life-cycle high returns

### Excellent Performance

- 8000+ Cycle Life
- 15+ years of design life
- High Power Density

### High Flexibility

- **Expansion** with Module Design
- **Inverter Options** of High Compatibility with more than xx top inverter brands
- **Application Scenarios** from 12-high Voltage in Multi-Scenario(home, C&I, Outdoor, Back-up) Outdoor & indoor)

### Friendly Operation

- **Installation** with Module Design and lighter weight



### Certificate

- Global

### Data Proven

- 10 years Real-Date-Verified
- 1,000,000+ BESS

**1,000,000+**

BESS Delivered Globally

# Why Pylontech

## Your Comprehensive Service

### Multi-Channel

- Phone
- Online
- Onsite

### Integrated Service

- Pre-Sales
- In-sales
- After-Sales

### Global Reach

- 60+ Countries
- XXX Service Partner
- XXXX Service center(in plan)

### Local Service

- Distributor
- Service Partner
- Service center(in plan)

### Comprehensive Service

- Technical Guidance
- Product Sales Skill
- Frequent Q&A
- Installation Procedure
- ...



### Continuous Webinar

- Product sales points
- Training
- Phone
- Online
- onsite



# Why Pylontech

## Reliable BESS Leader

### Steadily and Drastically Growing

**Steadily and Drastically Growing**

**Pylontech Annual Delivery**

2013 2014 2015 2016 2017 2018 2019 2020 2021 2022

Data Source: Pylontech financial statement

### By Partners

**60+**  
Countries served

**Top**  
Inverter brand compatible



### Highly Recognized BESS Brand

#### By Market

**Forbes 50 Most Innovative**  
companies in China

**MSCI Index Company**  
Dedication to Energy Storage

**1<sup>st</sup> ESS**  
companies in China

#### By Industry

**Top Energy Storage Brand**  
Certificated by EUPD

#### By End-Users

**1,000,000+**  
BESS Delivered Globally

**80+**  
Countries served

## Time & Data Tells the True Reliability



What's Behind when it comes to  
**COOPERATE WITH  
SEGEN & PYLONTECH**

Win with Segen & Pylontech



# What's behind Win with Segen & Pylontech?

## More Profitable Growth

- More End-customers
- Less After-service Cost
- Competitive Solution
- Good Reputation
- Trusted Practices

## Added-Value

- After-service
- Marketing support
- Professional training

## Reliable Choice

- Efficient Installation
- Efficient Capacity
- Free Expansion
- Flexible Options for Inverter Brand
- Free of unstable issues



# What news do we bring to you today?

- Optimized Commitment
- Updated Service
- Cutting-edge Innovations



# What news do we bring to you today?

## Improvement of the Classic Solutions

**8000+** UNIVERSITY

Long cycle life Proven

### Time tells

- 10 years  
Dedication to Energy Storage

### Data Prove

- 1,000,000+  
BESS Delivered Globally

### Logical Test

- R&D Test Lab
- Third Party Test Lab



What news do we bring to you today?

## Updated Service

### Stronger Team

- Increased Personnel
- Master Degrees

### Richer Technical Documents

- Product Files
- Installation
- Frequent Q&A

### More Diversified Training

- Pylontech Webinar
- Joint Training with Partners
- Exhibition and Roadshow



## Channel

to get the latest  
training and trends

Join Our Email List



Follow Our LinkedIn

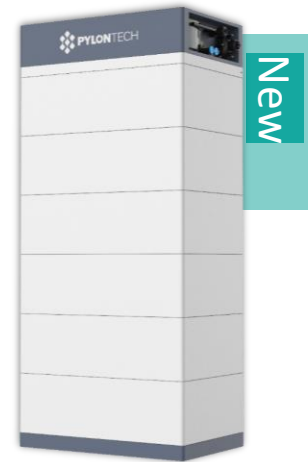


# What news do we bring to you today?

## Cutting-edge Innovations



**Pelio L**



**Force H3**



**US Series-48V**  
Rack-Mounted BESS



**Force L Series-48V**  
Stackable BESS



**Force H Series-HV**  
Stackable BESS





YOUR GIFT FROM HELIOS

PVELIO

To energize billions with smarter power





# Pelio Specs

Battery Capacity

5.12 kWh

DoD

95%

Maximum Expandable Capacity

20\*5.12 kWh

Cycle Life

>6,000 25°C

Single Unit Input/Output Power

5.12kW continuous  
6.14kW@15min  
10.24kW@15sec

Certifications

IEC62619	IEC63056
CE	VDE2510-50
UL1973	UL9540A
UKCA	UN38.3

Size and Weight

578 \* 165 \* 395 mm

45 kg

IP Rating

IP65



## Smaller Footprint

Higher energy density benefits from latest LFP technology



## Expandable

Modular design

Maximum 20\*5.12kwh



## High Power Efficiency

Continuous power 5.12kw

Peak power 6.14kw@15min

Peak power 10.24kw@15sec



## Monitor 24/7

Real-time monitoring of battery charging and discharging  
online system updates and maintenance

## More Application Scenarios



Wall Mounted



Stackable

## Excellent Compatibility

- Expansible as Pylontech US Series
- Compatible with 48V inverter



US2000C



US3000C

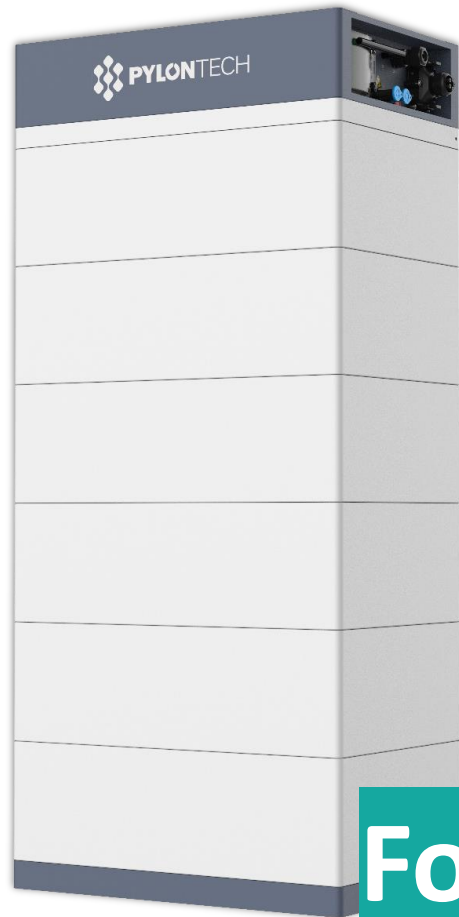


US5000



Pelio





# Inherence of Excellence

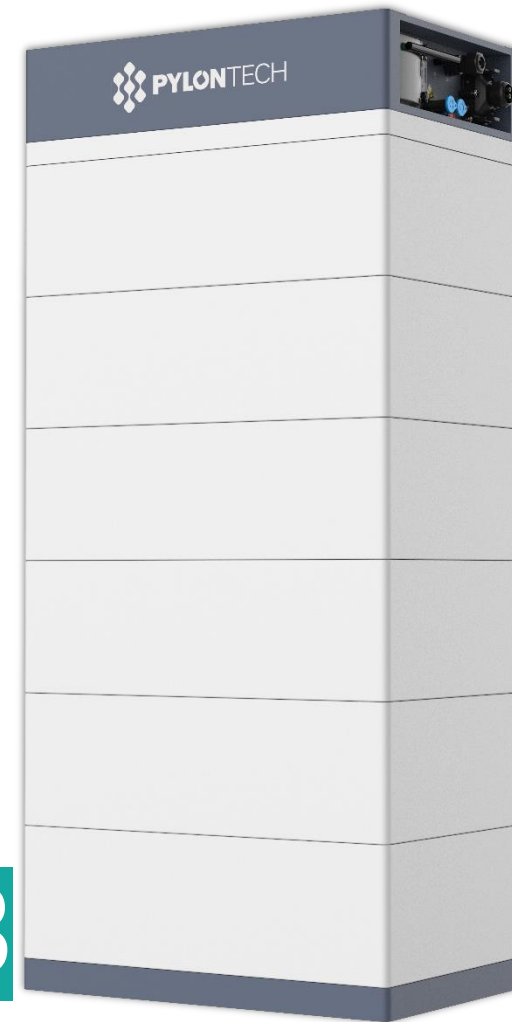
- Pylontech & Force Gene
- Reliable
- Flexible
- User-Friendly
- Minimalist Style for home

**Force H3**

# Innovation of Excellence

- 1C, 5.12kw continuous per module
- Support 800V voltage platform
- Higher Max. capacity

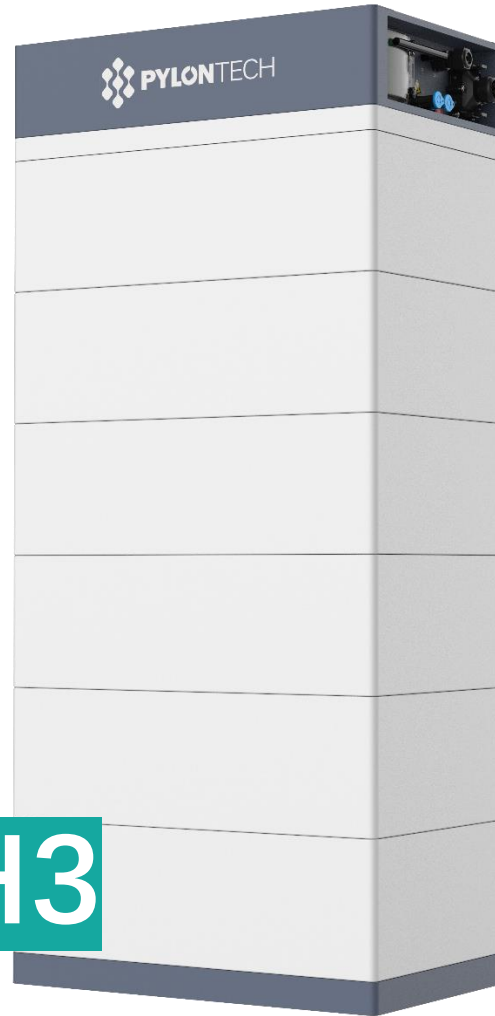
Force H3



# Feature-Flexible Capacity Expansion

**215.04** kWh

Maximum capacity of



**Force H3**

**5.12** kWh/Module

**7** Modules

Max. In one group

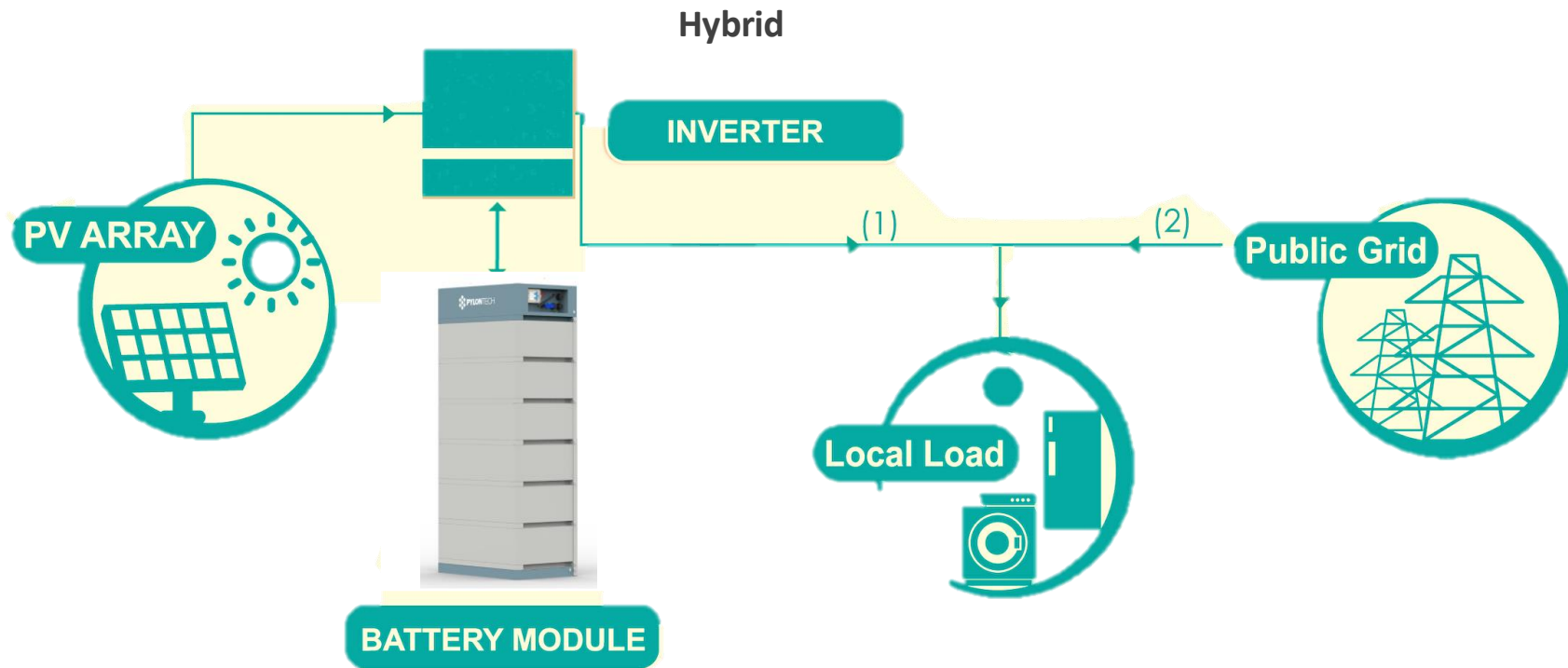
**6** groups

Max. in parallel





# Appliance-Residential



**BACK-UP**

**PEAK SHAVING**

**PV ESS**





# Presenter

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# Service

## General Service Mail Box

[service@pylontech.com.cn](mailto:service@pylontech.com.cn)

## Sales

[sales@pylontech.com.cn](mailto:sales@pylontech.com.cn)

# More Training



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# PYLONTECH

Liberating Your Energy Sustainably



The image features a teal gradient background. At the bottom, there is a landscape of mountains with a glowing blue circular pattern of light trails. The text "Thank You" is centered in the upper half of the image.

Thank You