

YOUR GIFT FROM HELIOS

# PELLO

To energize billions with smarter power



# GREATER SECURITY

**500K+** global installations with traceable records, confirming to all highest safety standards



### **Stability & Reliability**

Secured by self-developed cells, modules and BMS



### **Independent Physical Protection**

Dual active protection mechanism enhances safety significantly



### **Top Safety Certifications for System Security**

- ✓ IEC62619
- ✓ IEC63056
- ✓ CE
- ✓ VDE2510-50
- ✓ UL1973
- ✓ UL9540A
- ✓ UKCA



# HIGH ENERGY DENSITY

Self-development of high-energy-density cells makes for lightweight but high-capacity batteries



Modular Design,  
expandable from 5.12~102.4kWh

Wide capacity range meeting the demand  
of various scenarios  
Improving your resilience



Smaller footprint and indoor/outdoor  
compatible to  
save your valuable space





# HIGH POWER EFFICIENCY

5kW continuous per single unit maximizes your RoI



## High Power Performance up to 1C

Peak power  
6.14kW@15min  
10.24kW@15sec

Strong power per battery helps to manage  
the total installation capacity freely

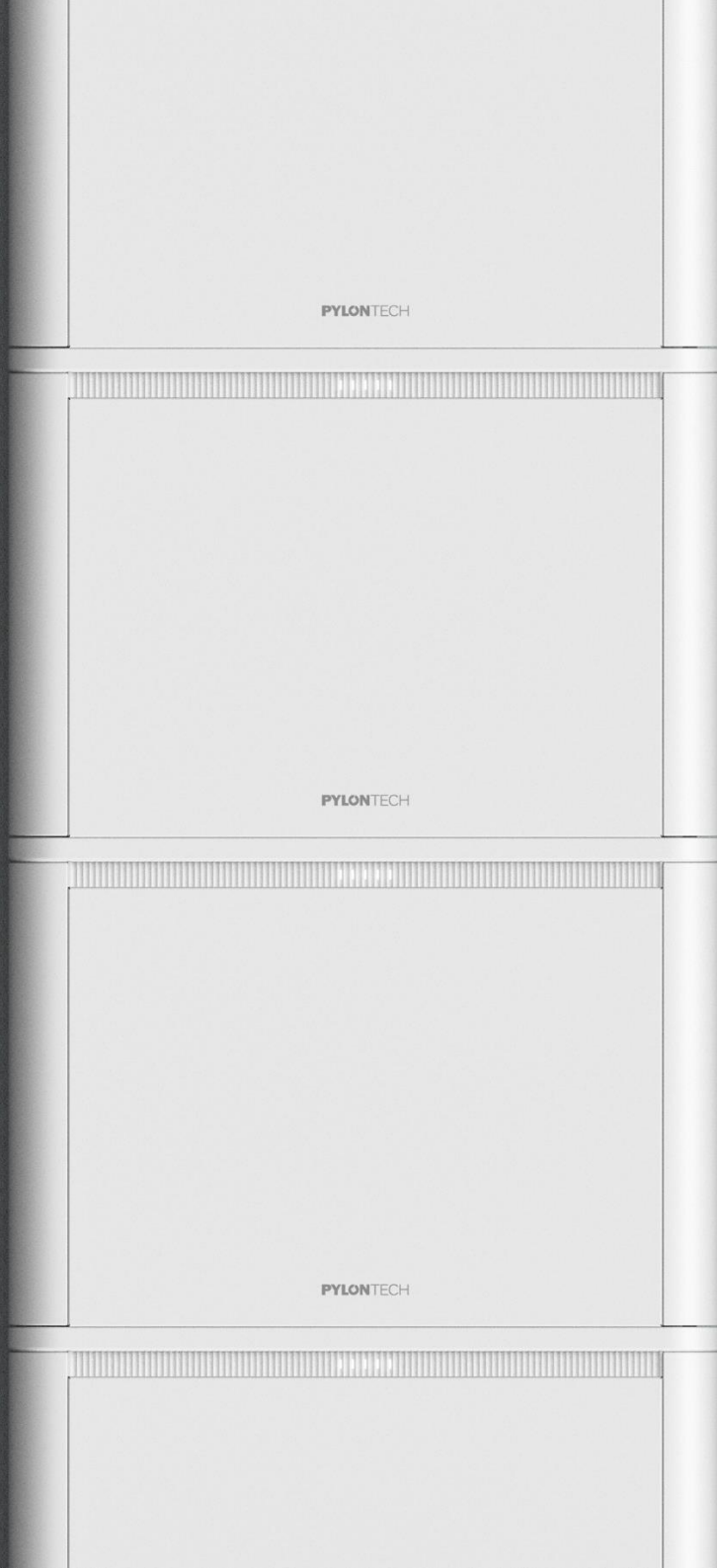




# MONITORING

Intelligent monitoring platform, applicable for comprehensive operation management

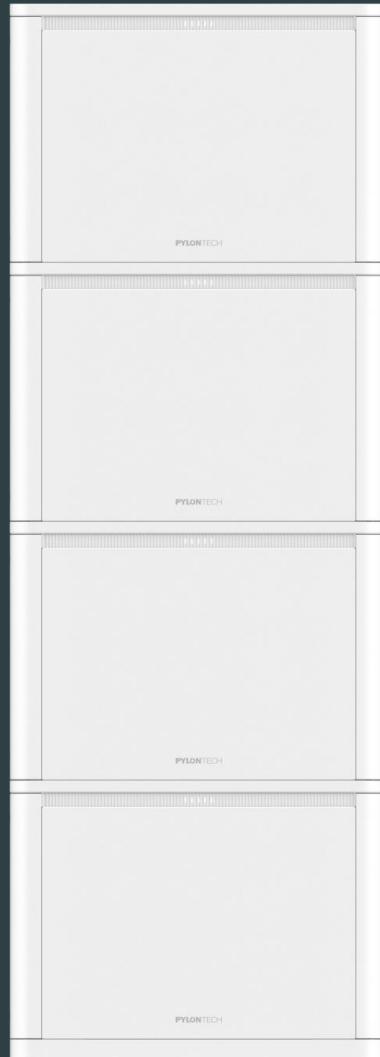




### **Monitor 24/7**

Monitor your energy production and consumption in real time  
Update the system and maintenance online





# 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

578 \* 165 \* 425 mm(with base)

~45 kg

~47kg(with base)

IP Rating

IP65





     
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