



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

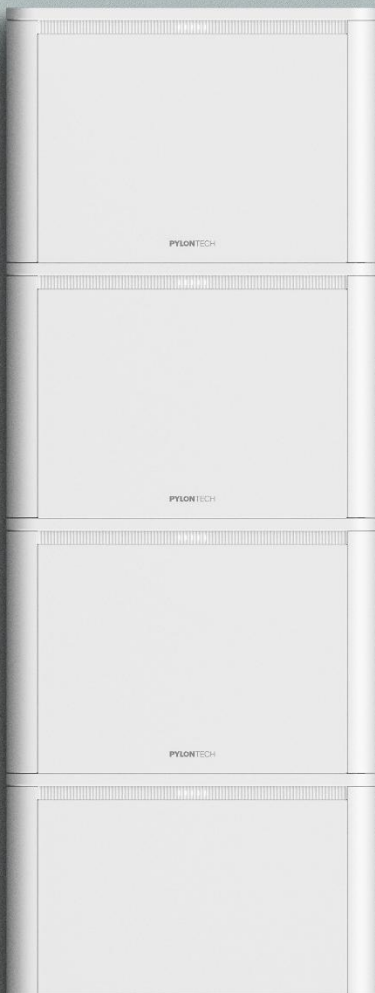




# MONITORING

Intelligent monitoring platform, applicable for comprehensive operation management

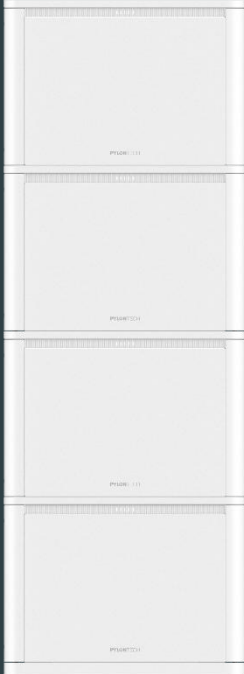




### **Monitor 24/7**

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

45 kg

IP Rating

IP65







Liberating YOUR energy sustainably



[www.pylontech.com.cn](http://www.pylontech.com.cn)