



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
- ✓ IEC62040
- ✓ UL1973
- ✓ UL9540A
- ✓ IEC61000-6-2
- ✓ UN38.3
- ✓ IEC63056
- ✓ IEC62477-1
- ✓ U1642
- ✓ VDE2510-50
- ✓ IEC61000-6-3



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
100~120A@15min
120~200A@15sec

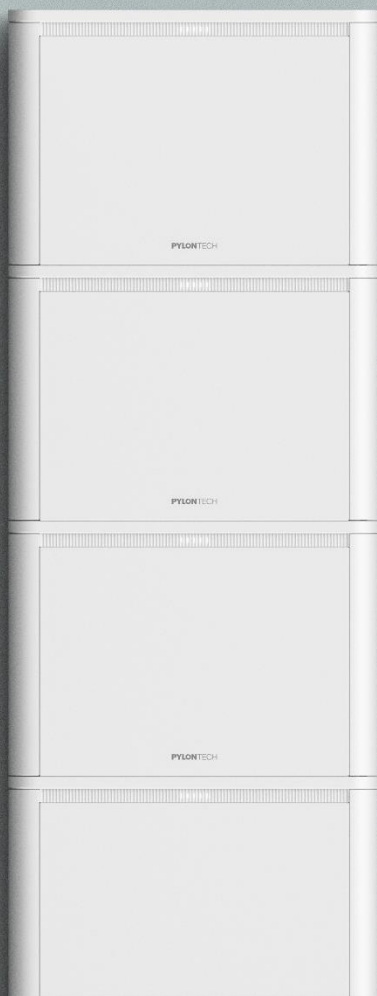
Strong power per battery helps to manage
the total installation capacity freely





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-L-5.12 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
100~120A@15min
120~200A@15sec

Certifications

IEC62619	IEC63056
IEC62040	IEC62477-1
UL1973	U1642
UL9540A	VDE2510-50
IEC61000-6-2	IEC61000-6-3
UN38.3	

Size and Weight

395 * 578 * 165 mm (W*H*D)
425 * 578 * 165 mm (with base)
~45 kg
~47 kg (with base)

IP Rating

IP65



www.pylontech.com.cn