

## 2 COMMERCIAL ROOFTOP SOLUTIONS



SL100-136KRG-W series

### SMART

- **Smart I-V Curve Diagnosis**  
With advanced diagnosis algorithm to carry out I-V curve diagnosis to detect the strings with low performance and provide recovery suggestion.
- **Smart Energy Management System Smart M**  
Smart M app for all access procedure, online real-time monitoring, reducing electricity costs.

### EFFICIENT

- **9-12 MPPT maximum power output**  
9-12 MPPT to achieve maximum power output for complex application scenarios.
- **Longer power generation time**  
Lower start-up voltage, wider MPPT voltage, longer working time.

### SAFE

- **Waterproof, dustproof, corrosion-resistant, lightning-proof, anti-electrical fire**  
IP66, C5, Surge Protection Type II, AFCI (optical), Aluminum die casting shell with reinforcing bars, 3 layer effective waterproof design, to resist harsh environment.
- **Film bus capacitors, higher reliability**  
Film capacitors can withstand instantaneous large-current impact, higher reliability and longer lifetime.

### USER-FRIENDLY

- **Save 30% installation time**  
Independently designed AC terminal box saves 30% of installation time.
- **Flexible Communication, inverter touch free**  
Online monitoring by slenergy Smart M app. via RS485/US-B/Bluetooth, supports 4G/WiFi.

## 3 RESIDENTIAL ENERGY STORAGE SOLUTIONS



SL5-12KRH-W series

SL3-8KLH-W series

SL3.6-6KLV-W series

### SMART

- **App control**  
Easily grasp the situation of the power station and enjoy a zero-carbon life.
- **Meet major applications**  
Multiple operating modes, PV self-consumption, backup and off-grid, load shifting and peak shaving etc.

### EFFICIENT

- **Compatible with bifacial and large PV modules**  
16 A input current per string.
- **With inventive designs, High efficiency**  
Euro Efficiency is up to 97%, and Fast charging / discharging to meet the demand of higher consumption.

### SAFE

- **UPS Switching time <10ms**  
Ensure that essential electrical appliances remain powered on.
- **10 years warranty\***  
10-year warranty, 25-year design life.
- **Waterproof, dustproof, anti-corrosion, anti-thunder-stroke, anti-electrical fire**  
IP66, C5, Surge Protection Type II, AFCI (optical), Aluminum die casting shell with reinforcing bars, 3 layer effective waterproof design, to resist harsh environment.

### USER-FRIENDLY

- **Time-saving installation through pre-install**  
Plug & Play, can be easily installed anywhere.
- **Expandable modular design**  
Battery modules can be easily added based on the needs of the system owners.

\*For SL3.6-6KLV series, 5 years warranty.

## 4 DATALOGGER



### SIMPLE & EASY

Plug & Play, easily installation and support auto reconnection.

### OPTIMAL INVESTMENT

Device communication within LAN, monitoring costs reduced.

### EFFICIENT OPERATIONS

One-click connection with Smart M, App or Website control, support remote firmware update and data settings.

### HIGH RELIABILITY

4G Datalogger for stable mobile signal to ensure stable data transmission.

## 5 SMART M

### SMART MANAGEMENT

Combining industry-leading cloud computing platforms, centralized management to improve efficiency of system.

### DEEP TRACEABILITY

In-depth retrospective of product manufacturing process information to ensure product quality and after-sales service.

### DATA SECURITY

Comprehensive lifecycle data management using encryption, anonymization, permission control, and disaster recovery backups, ensuring the security and reliability of data.

### BETTER EXPERIENCE

Remote firmware update and customizable settings, free online monitoring to enhance energy management for end user, installer and retailer.

### SERVICE CONVENIENCE

One-click reporting and dispatching for quick service order generation, enabling rapid fault analysis through traceable information.



# SOLAR & ENERGY STORAGE SOLUTIONS

2024 Slenergy Product Line Up

# COMPANY PROFILE

In February 2023, Slenergy was founded by experienced experts in the international field of residential photovoltaics, along with a top-notch management team. It is committed to becoming a global leading provider of sustainable smart energy solutions by providing more efficient, reliable, economical, and convenient solutions and services. Its core products include standardized solutions applicable for all scenarios (residential, C&I, micro and off-grid, etc.), PV and energy storage inverters, smart junction boxes, portable energy storage products, smart energy management systems, etc. As a visionary player in the new energy industry, the company aims to upgrade the new energy sector with precision manufacturing and create rewarding products with innovative technologies.

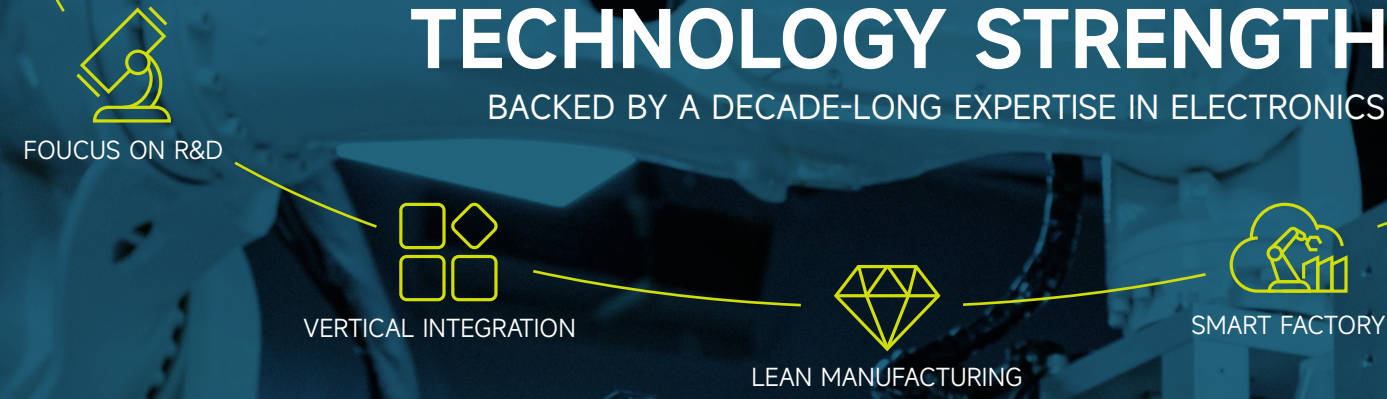
Slenergy has inherited excellent "intelligent manufacturing genes" in technology research, product quality, intelligent manufacturing, and other aspects. Slenergy has set up R&D centers in Germany and China, and its production base is in Chuzhou, China. The core team has over 10 years of R&D and technology accumulation in PV products, with over 150 technical staff. The company has set up branches and customer service centers in Hong Kong, Germany, Spain, etc., and its overseas businesses cover the whole Europe. It plans to enter markets such as North America, Australia, the Middle East and Africa, Southeast Asia, Brazil, and other regions.

With the country's vision of achieving carbon peak and carbon neutrality and the introduction of stricter net-zero emission reduction plans globally and in various regions, Slenergy responds to the call and expects to help the entire industry achieve upgrading through the introduction of precision manufacturing and smart manufacturing and to transform energy independence into reality by building the capacity of the smart energy ecosystem.



# TECHNOLOGY STRENGTH

BACKED BY A DECADE-LONG EXPERTISE IN ELECTRONICS



## SMART FACTORY

FROM MOBILE TERMINAL TOP BRAND MANUFACTURING STANDARDS TO A NEW INDUSTRY BENCHMARK

### SYSTEM SUPPORT (SMART FACTORY)

From incoming materials, production, inspection and sampling inspection, comprehensive risk control strategies ensure product quality and manufacturing process traceability, escort customers' revenue.



### RISK IDENTIFICATION AND CONTROL

Prevention comes first with higher standards for design specifications + interception measures than the industry.

### MES TRACEABILITY

Visible Process, Traceable Results  
Whole-process quality system control, industry's best material link level.

### EXQUISITE CRAFTSMANSHIP PRECISION MANUFACTURING

Leading industrial automation production capacity and exquisite process manufacturing technology to provide customers with higher quality products.

# SLENERGY SOLUTIONS

ALL-SCENARIO SOLAR+STORAGE SYSTEM SOLUTIONS

## 1 RESIDENTIAL ROOFTOP SOLUTIONS



### SMART

#### • Smart I-V Curve Diagnosis

With advanced diagnosis algorithm to carry out I-V curve diagnosis to detect the strings with low performance and provide recovery suggestion.

#### • Smart Energy Management System Smart M

Real-time monitoring, 24h remote support.

### AESTHETIC

#### • Home aesthetics by extremely simplified design

Screw free cover design, integrated molding box without welding, good aesthetic & product stability and consistency.

#### • Light weight

Light weight, small volume and compact size.

### SAFE

#### • Waterproof, dustproof, anti-corrosion, anti-thunderstroke, anti-electrical fire

IP66, C5, Surge Protection Type II, AFCI (optical), Aluminum die casting shell with reinforcing bars, 3 layer effective waterproof design, to resist harsh environment.

#### • Film bus capacitors, higher reliability

Film capacitors can withstand instantaneous large-current impact, higher reliability and longer lifetime.

### USER-FRIENDLY

#### • QR code to Smart M (APP)

Free online real-time monitoring of system power generation and energy management for end user, installer and retailer.

#### • LED indicators+LCD display

LED indicators for different status, LCD display for set and check easily.