Solution Provider for

Sustainable Smart Energy

202412-V1.5

Sustainable Smart Energy

Solution Provider

Cesun New Energy Technology was introduced as a key project in Nanjing in 2023, with the manufacturing base located in Pukou District, focusing on the research and innovation of AI - controlled drives, photovoltaic intelligent cleaning robots and solar system application products.

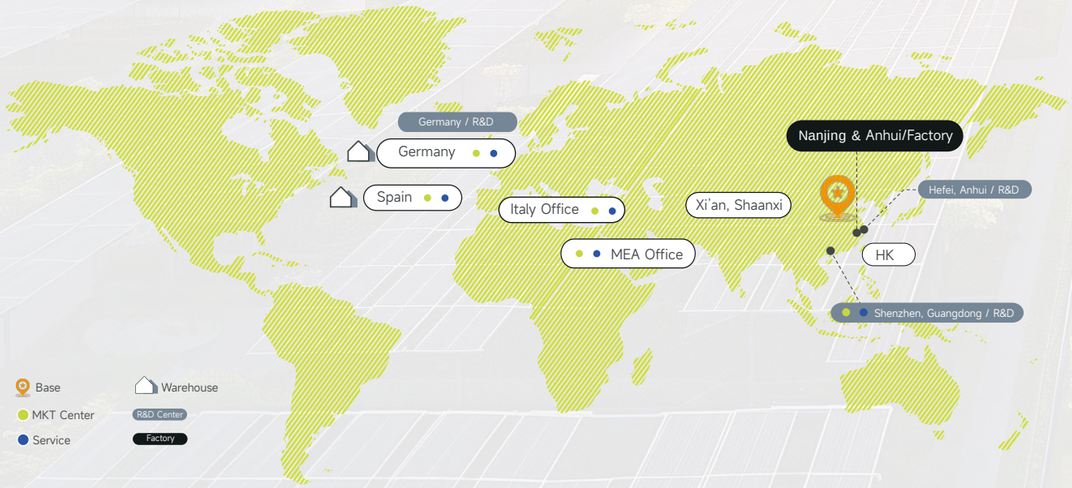
Leveraging over 14 years of expertise from Skycorp Solar Group, Cesun specializes in solar system applications, PV cables & connectors, distribution of energy storage inverters & batteries, independent R&D and manufacturing of AI control drives, as well as the development of AI-based intelligent energy control systems.

Cesun has strong core business capabilities, with a global sales network covering over 60 countries and regions:

· **European Market:** Cesun has established deep strategic cooperation with Deye and Solis in the energy storage inverter and battery sectors, and has partnered with a local German company to set up a warehouse center, enabling delivery within 7 days.

· **Asia, Africa, and Latin America Markets:** Cesun launched the Slenergy-Cesun low-voltage single-phase hybrid inverter, and established a local office and company in Pakistan, with a professional technical team to provide technical support and after-sales services to installers, distributors, and local electricians. Based on the cable production advantages, Cesun integrates supply chain resources to offer 5/6kW and 12kW residential solar power systems as well as commercial and industrial distributed photovoltaic system solutions.

Worldwide



New Quality Representative
Lean Manufacturing Pioneer

Specialized Research and Development

Intelligent Manufacturing Quality and Efficiency Improvement

Higher Power Density and Smaller Product Volume

- Adopt new silicon carbide scheme design, with high efficiency and low loss
- Radiator aluminum extrusion process, chassis mold die casting + drawing integrated molding, all aluminum alloy design, and response to harsh environment
- Drawer fan design to protect the service life of capacitor

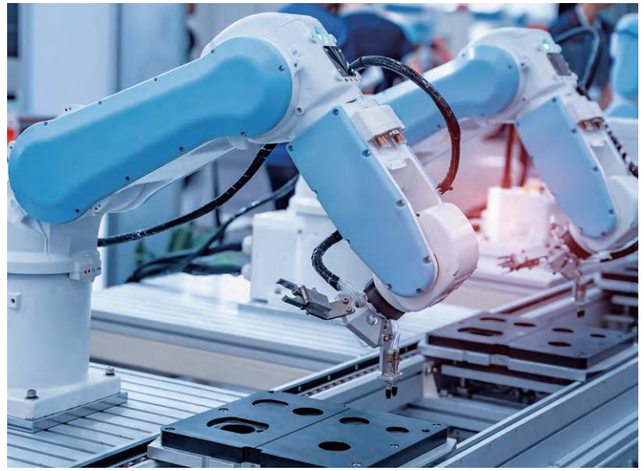
Modularization and Standardization

- Modular and standardized design assists the rapid upgrading of power stations

Vertical Integration

Advantage Integration Shorter Process

- High level of automation, better production capacity and quality
- Professional module processing ability, more transparent process and more controllable quality
- Advanced parts design and processing ability to ensure the best quality of supplied materials and finished products
- Leading patch and assembly ability, more complete industrial chain process and more guaranteed product quality



Lean Manufacturing

Exquisite Craftsmanship and Precision Manufacturing

- High precision, versatile SMT configuration
- Supported by multi-field welding technology
- Industry-leading automated wire body and test platform
- Top-level wiring harness/PCBA manufacturing capability

Intelligent Factory

Intelligent System, Intelligent Control

Life cycle data management

- Life cycle product data query interaction
- Full manufacturing process data recording and tracing

Whole process systematic control

- Dynamic scheduling system
- Intelligent production system

Quality Assurance

Visible Process and Traceable Result

- Complete quality management system and comprehensive quality inspection ability
- ISO global environment and safety certification, safety certification in various markets, etc
- Product traceability can be realized

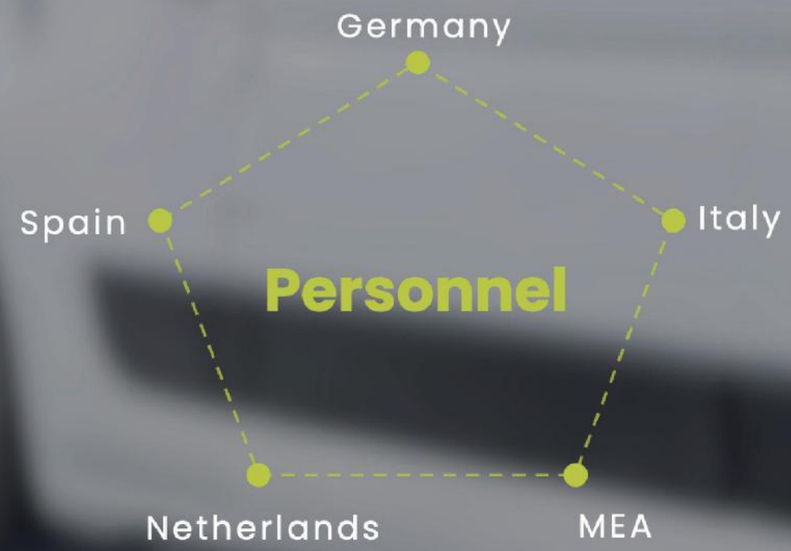
Service & Support

Full lifecycle guarantee, quick response to customers

- Consulting, training, competence certification
- Technical Consultation / Troubleshooting
- Installation, commissioning, warranty/repair
- Software app upgrades and maintenance

Warehouse

- Spare machines stored proportionally in customers' warehouse / regional agents
- Can serve as replacement upon problems occurrence



International Service System

1+2+3

E-Mail Reply within
1 working day
service@slenergy.com

Solutions provided within
2 working days

spare parts within
3 working days
repaired or exchanged upon receipt of inquiry

Full Series

Efficient and Profitable

Safe and Reliable

Intelligent and Friendly

All-scenario Solutions

Residential

C&I

Ground Utility Scale Plant

Residential Solution

C&I Solution

Utility Scale Plant Solution

Intelligent

Solar & Storage System Solutions

Residential Solar & Storage Solutions

iShare Home 1.0/2.0 System

- Bifacial TOPCON Full Black Modules 425-455W
- Hybrid single-phase inverters SL3.6-6KLV-W / SL3-10-KLH-W
- Hybrid three-phase inverter SL5-12-KRH-W / SL-D15-20KTR-H40
- Low-voltage battery system SL5.12LB / SL10.24LB
- High-voltage battery system SL7.36-36.8HB
- Mounting system for tiled roofs and flat roofs
- High-quality cable set
- iBox / SmartBox
- Heat pump 12/ 17/ 23 KW (single-phase & three-phase)
- Charger for electric vehicle 7/ 11 KW
- iShareHome Mini System/ Balcony power station
- All-in-one energy system

C&I Solar & Storage Solutions

C&I Hybrid Inverter SL29.9-50KRH-W

PCS SL125KRP-W

C&I Energy Storage System SL50/128CH3-W

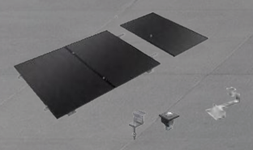
C&I Energy Storage System SL125/257CP3-W

SYSTEM CONFIGURATION

Communication Cable

Monofacial Module
(Full Black)
SL-DG108NA-425 / SL-108NA-455

Intelligent Junction Box (Optional)



Mounting System
For Tile Roof / Flat Roof

Cable Set
Wiring Connection-RS (B)
Wiring Connection-LS (B)

Hybrid Inverter
SL3-8KLH-W
SL5-12KRH-W

SmartBox

iBox
SL-BH12KR
SL-BH15KR
SL-BH5KL
SL-BH10KL

Battery
SL-BH High Voltage

Heat Pump
SL-HP9KL
SL-HP12 / 18KR

Smart EV Charger
SL-CH SERIES

SmartM

iShare-Home Smart Solar Solution LS

Model		iShare-Home 3kW	iShare-Home 4.6kW	iShare-Home 6kW	iShare-Home 8kW
System Capacity	[kW_{AC}]	3	4.6	6	8
No. PV Modules(pcs)/425W		6/8	10/14	16/18	20/22/24
DC Capacity	[kW]	2.55/34	425/5.95	6.8/7.65	8.5/9.35/10.2
Effective Roof Area Approx.	[m^2]	14~18	22~30	34~39	43~52
Inverter		SL3KLH-W	SL4.6KLH-W	SL6KLH-W	SL8KLH-W
Battery		SL-BH-2-5 ~ SL-BH-8-20			
Cable set		DC Cable: H1Z2Z2-K 1x6mm^2; UL 11627 10AWG AC Cable: NYY-J 3G4mm^2/6mm^2/8mm^2 Earthing Cable: NYY-1×6mm^2; H07V-K 6mm^2 Ethernet Cable: UTP CAT5e			
Mounting structure set		Rail, hook kit/hanger bolt kit, rail connector, mid-clamp, end-clamp, earthing lug and other accessories			
iBox		SL-BH5KL		SL-BH10KL	
SmartBox		Optional			
Heat Pump					
EV Charger					
Italy					
Power generation estimates	[kWh/day]	9~12	15~20	23~26	29~35
Power generation estimates	[kWh/year]	3185~4246	5308~7430	8492~9554	10615~12738
Spain					
Power generation estimates	[kWh/day]	10~13	17~24	27~30	34~40
Power generation estimates	[kWh/day]	3680~4907	6134~8587	9814~11040	12267~14721

The power generation is calculated based on Rome, Italy. The annual peak sunshine hours are 1523h.
The power generation is calculated based on Madrid, Spain. The annual peak sunshine hours are 1760h.
Each kWh generated reduces 0.997kg of CO_2.

iShare-Home Smart Solar Solution RS

Model		iShare-Home 5kW	iShare-Home 6kW	iShare-Home 8kW	iShare-Home 10kW	iShare-Home 12kW
System capacity	[kW_{AC}]	5	6	8	10	12
No. PV modules (pcs)/425W		12/14	16/18	20/22/24	26/28/30	32/34/36
DC Capacity	[kW]	5.1/5.95	6.8/7.65	8.5/9.35/10.2	11.05/11.9/12.75/13.6	13.6/14.45/15.3
Effective Roof Area Approx.		35m^2~40m^2	36m^2~44m^2	48m^2~65m^2	65m^2~85m^2	90m^2~110m^2
Inverter		SL5KRH-W	SL6KRH-W	SL8KRH-W	SL10KRH-W	SL12KRH-W
Battery		SL-BH-7-17	SL-BH-3-7 ~ SL-BH-8-20			
Cable set		DC Cable: H1Z2Z2-K 1×6mm^2; UL 116270 10AWG; UL 11627 8AWG AC Cable: NYY-5×4mm2/5×6mm^2 Grounding Cable: H07V-K 6mm^2; NYY 1×6mm^2 Communication Cable: UTP CAT5e Connectors				
Mounting Structure set		Rail, hook kit, rail connector, mid-clamp, end-clamp, earthing lug and other accessories				
iBox		Germany Optional/Italy,Spain 1 Set				
SmartBox		Optional				
Heat pump						
EV Charger						
Smart M		1 set				
Germany						
		14~16	18~20	23~27	29~34	36~41
		4939~5762	6585~7408	8231~9878	10701~12347	13171~14817
Italy						
Power generation estimates	[kWh/day]	17~20	23~26	29~35	38~44	47~52
Power generation estimates	[kWh/year]	6369~7430	8492~9554	10615~12738	13800~15923	16984~19108
Spain						
Power generation estimates	[kWh/day]	20~24	27~30	34~40	44~50	54~60
Power generation estimates	[kWh/day]	7360~8587	9813~11040	12267~14721	15947~18401	19628~22081

Larger capacity systems can be configured according to demand.
The power generation is calculated based on Munich, Germany. The annual peak sunshine hours are 1181h.
The power generation is calculated based on Rome, Italy. The annual peak sunshine hours are 1523h.
The power generation is calculated based on Madrid, Spain. The annual peak sunshine hours are 1760h.
Each 1kWh generated reduce 0.997kg of CO_2.

SL3.6-6KLV-W

Single Phase Low Voltage Hybrid Inverter

Efficient

- Max. charging/ discharging current of 135A;
- DC/AC ratio up to 1.6;
- Support Max. 16pcs Parallel;
- MPPT Max. input current up to 18A;

Reliable

- Type II SPD on DC/AC sides;
- Equalization charge to improve battery performance and lifespan;
- IP65 protection degree;
- < 10ms on-grid and off-grid switching time;

Flexible

- Support Smart Load function;
- Support RS485/WIFI communication modes;
- Support upgrade remotely via USB port;
- Support diesel generator connection;

User-friendly

- Better human-machine interaction experience;
- Colorful touch LCD screen;
- Plug-Play design for easy installation and maintenence;
- Integrated die-casting front cover;

Model	SL3.6KLV-W	SL5KLV-W	SL6KLV-W
PV (DC)			
Recommended Max. PV Input Power	5760 Wp	8000 Wp	9600 Wp
Max. Input Voltage		500 V	
Start-up Voltage		125 V	
Rated Input Voltage		370 V	
MPPT Input Voltage Range		150-430 V	
MPPT Max. Input Current		18 A	
MPPT Short-circuit Current		20 A	
No. of MPPT		2	
No. of Strings per MPPT		1	
Grid (AC)			
Max. Input Apparent Power	7590 VA	7590 VA	9200 VA
Rated Output Power	3600 W	5000 W	6000 W
Max. Output Apparent Power	3960 VA	5500 VA	6600 VA
Rated AC Voltage		L/N/PE 230 V	
Input/Output Voltage Range		220/230 0.85Un-1.1Un	
Rated Output Voltage Frequency		50/60 Hz	
Input/Output Voltage Frequency Range		(45-55)/(55-65) Hz	
Rated Output Current	15.7 A	21.7 A	26.1 A
Max. Input/Output Current	33 / 17.2 A	33 / 23.9 A	40 / 28.7 A
Power Factor (Rated)		>0.99	
Adjustable Power Factor Range		0.8 leading ... 0.8 lagging	
Total Harmonic Distortion		<3% (Rated Power)	
Grid Connection Mode		L/N/PE	
AC Load Output (Off-grid)			
Rated Output Power	3600 W	5000 W	6000 W
Max. Output Apparent Power	3960 VA	5500 VA	6600 VA
Rated Output Voltage		L/N/PE 230 V	
Output Voltage Range		200-240 V	
Rated Output Frequency		50/60 Hz	
Rated Output Current	15.7 A	21.7 A	26.1 A
Max. Output Current	17.2 A	23.9 A	28.7 A
Total Harmonic Distortion		<3% (Rated Power)	
On-grid/Off-grid Switching Time		< 10 ms	
Battery (DC)			
Rated Output Power	3600 W	5000 W	6000 W
Max.Charge/Discharge Power	3600 W	5000 W	6000 W
Rated Voltage		48 V	
Battery Voltage Range		40-60 V	
Max. Charge/Discharge Current	90 A	120 A	135 A
Communication Port		CAN/RS485	
Efficiency			
Max. Efficiency		96.8%	
Max. MPPT Efficiency		99.9%	
Max. European Efficiency		96%	
Protection			
Integrated Protection		Anti-countercurrent Protection; Insulation Impedance Detection; Photovoltaic Reverse Connection Protection; Input DC Switch; GFCI Leakage Current Detection; Output Short-circuit Protection; Output Overcurrent Protection; Grid Monitoring; Islanding Protection; Residual Current Detection; Off-grid Overload	
Surge Protection		DC Type II, AC Type II	
Display and Communication			
Display		LCD+LED+APP	
Communication		RS485, WiFi (Optional)	
General Data			
Dimensions (WxHxD)		492x400x220 mm	
Weight		21 kg	
Operating Temperature Range		-25°C...60°C(Greater than 45°C Derating)	
Noise		<35 dB	
Cooling		Smart Cooling	
Installation Style		Wall-mounted	
Protection Rating		IP65	
Warranty		5 Years	
Standards Compliance			
Grid Connection		IEC 62116, IEC 61727, NRS 097-2-1, IEC 61683	
Safety Regulation		EN/IEC 62109-1/2	
Others		EN/IEC 61000-6-1/3	

SL3-10KLH-W

Single Phase High Voltage Hybrid Inverter

Flexible Design & Use

- DC 16A current input, compatible with high power PV module;
- 32A charge/discharge current;
- Supports application in retrofit scenario;
- UPS Switching time <10ms;

Energy Independence

- Fast charging / discharging to meet the demand of higher consumption;
- 10kW power of off-grid overloading@600s;
- Maximum 260% DC overmatching;

Convenient Installation & Operation

- Unique push-in connectors for time-saving installation;
- Touch free commissioning with smartphone;
- Compact size and elegant appearance;

Smart Management

- Remote firmware update and customizable settings;
- Free online monitoring to enhance energy management for end user, installer and retailer;
- Programmable supply priority for PV, Battery or Grid;

Model	SL3KLH-W	SL3.6KLH-W	SL4.6KLH-W	SL5KLH-W	SL6KLH-W	SL8KLH-W	SL10KLH-W
PV (DC)							
Max. PV Input Power*	7000 Wp	7000 Wp	12600 Wp	13000 Wp	14000 Wp	16000 Wp	20000 Wp
Max. Input Voltage**	600 V						
Start-up Voltage	120 V						
Rated Input Voltage	370 V						
MPPT Input Voltage Range**	100-550 V						
MPPT Max. Input Current	16 A		16 A / 16 A			16 A / 32 A	
MPPT Short-circuit Current	20 A		20 A / 20 A			20 A / 40 A	
No. of MPPT	1		2				
No. of Strings per MPPT	1		1 / 1			1 / 2	
Grid (AC)							
Max. Input Apparent Power***	10350 VA					12650 VA	
Rated Output Power	3000 W	3680 W	4600 W	5000 W	6000 W	8000 W	10000 W
Max. Output Apparent Power	3000 VA	3680 VA	4600 VA	5000 VA	6000 VA	8000 VA	10000 VA
Rated AC Voltage	L/N/PE, 220 / 230 / 240 V						
Input/Output Voltage Range	154-276 V						
Rated Output Voltage Frequency	50/60 Hz						
Input/Output Voltage Frequency Range	(45-55)/(55-65) Hz						
Rated Output Current	13.04 A	16.00 A	20.00 A	21.74 A	26.09 A	34.78 A	43.48 A
Max. Input/Output Current***	45 / 16 A	45 / 18 A	45 / 23 A	45 / 25 A	45 / 28 A	55 / 36 A	55 / 45 A
Power Factor (Rated)	>0.99						
Adjustable Power Factor Range	0.8 leading ... 0.8 lagging						
Total Harmonic Distortion	<3% (Rated Power)						
Grid Connection Mode	L/N/PE						
AC Load Output (Off-grid)							
Rated Output Power	3000 W	3680 W	4600 W	5000 W	6000 W	8000 W	10000 W
Max. Output Apparent Power	10000 VA@600s						>10000 VA
Rated Output Voltage	L/N/PE, 220 / 230 / 240 V						
Output Voltage Range	154-276 V						
Rated Output Frequency	50/60 Hz						
Rated Output Current	13.04 A	16.00 A	20.00 A	21.74 A	26.09 A	34.78 A	43.48 A
Max. Output Current	45 A						
Total Harmonic Distortion	<3% (Rated Power)						
On-grid/Off-grid Switching Time	<10 ms						
Battery (DC)							
Max.Charge/Discharge Power	8000 W / 8200 W						10000 W / 10250 W
Battery Voltage Range	85-460 Vdc						
Max. Charge/Discharge Current	32A / 32A						
Communication Port	CAN/RS485						
Efficiency							
Max. Efficiency	97.6%						
Max. MPPT Efficiency	99.9%						
Max. European Efficiency	97.0%						
Protection							
Integrated Protection	Anti-flow Protection, DC Reverse Protection, DC Circuit Breaker, Insulation Resistor Detection, GFCI Leakage Current Monitoring, Output Shorted Protection, Output Over Current Protection, Grid Monitoring, Anti-islanding Protection, Residual Current Monitoring, BAT reverse Polarity Protection, BAT Shorted Protection, Off-grid Overload Protection.						
Surge Protection	DC Type II, AC Type II						
Display and Communication							
Display	LED+APP						
Communication	RS485 / WiFi, 4G (Optional)						
General Data							
Dimensions (WxHxD)	516x442x222 mm						
Weight	22.5 kg						
Operating Temperature Range	-30~60 °C						
Noise	<35 dB						
Cooling	Smart Cooling						
Installation Style	Wall-mounted						
Protection Rating	IP66						
Warranty	10 Years						
Standards Compliance							
Grid Connection	CEI 0-21, UNE 217001, UNE 217002, NTS Type A, VDE 4105, VDE 0126, EN 50438, G98, G99, EN50549, AS 4777.2						
Safety Regulation	EN/IEC 62109-1/2						
Others	EN/IEC 61000-6-1/3						

*Recommanded PV power should be considered by battery capcity and actual household load.
**Max. PV input voltage is 460V when battery input voltage is less than 150V.
***The max. input power & current from grid refers to the ability of the inverter to charge the battery and bearing the load at the same time.

SL5-12KRH-W

Three Phase High Voltage Hybrid Inverter

Flexible Design & Use

- DC 16A current input, compatible with high power PV module;
- Supports application in retrofit scenario;
- UPS Switching time <10ms;

Energy Independence

- Fast charging / discharging to meet the demand of higher consumption;
- 110% continuous AC output overloading;
- 130% max. AC output overloading@85s;

Convenient Installation & Operation

- Unique push-in connectors for time-saving installation;
- Touch free commissioning with smartphone;
- Compact size and elegant appearance;

Smart Management

- Remote firmware update and customizable settings;
- Free online monitoring to enhance energy management for end user, installer and retailer;
- Programmable supply priority for PV, Battery or Grid;

Model	SL5KRH-W	SL6KRH-W	SL8KRH-W	SL10KRH-W	SL12KRH-W
PV (DC)					
Recommended Max. PV Input Power	7500 Wp	9000 Wp	12000 Wp	15000 Wp	18000 Wp
Max. Input Voltage*	1000 V				
Start-up Voltage	135 V				
Rated Input Voltage	600 V				
MPPT Input Voltage Range*	135-900 V				
MPPT Max. Input Current	16 A / 16 A			16 A / 32 A	
MPPT Short-circuit Current	20 A / 20 A			20 A / 40 A	
No. of MPPT	2				
No. of Strings per MPPT	1 / 1			1 / 2	
Grid (AC)					
Max. Input Apparent Power**	10000 VA	12000 VA	16000 VA	20000 VA	24000 VA
Rated Output Power	5000 W	6000 W	8000 W	10000 W	12000 W
Max. Output Apparent Power	5500 VA	6600 VA	8800 VA	11000 VA	13200 VA
Rated AC Voltage	3L/N/PE , 220/380 V, 230/400 V, 240/415 V				
Input/Output Voltage Range	180-300 V / 200-253 V				
Rated Output Voltage Frequency	50 / 60 Hz				
Input/Output Voltage Frequency Range	(45-55) ; (55-65) Hz				
Rated Output Current	7.2 A	8.7 A	11.6 A	14.5 A	17.4 A
Max. Input/Output Current	15.2 A / 9.8 A	18.2 A / 11.8 A	24.2 A / 15.8 A	30.3 A / 19.7 A	36.4 A / 23.6 A
Power Factor (Rated)	>0.99				
Adjustable Power Factor Range	0.8 leading ... 0.8 lagging				
Total Harmonic Distortion	<3% (Rated Power)				
Grid Connection Mode	3L/N/PE				
AC Load Output (Off-grid)					
Rated Output Power	5000 W	6000 W	8000 W	10000 W	12000 W
Max. Output Apparent Power	5500 VA	6600 VA	8800 VA	11000 VA	13200 VA
Rated Output Voltage	3L/N/PE , 220/380 V, 230/400 V, 240/415 V				
Output Voltage Range	200-240 V				
Rated Output Frequency	50/60 Hz				
Rated Output Current	7.2 A	8.7 A	11.6 A	14.5 A	17.4 A
Max. Output Current	9.8 A	11.8 A	15.8 A	19.7 A	23.6 A
Total Harmonic Distortion	< 3% (R Load)				
On-grid/Off-grid Switching Time	< 10 ms				
Battery (DC)					
Rated Output Power	5000 W	6000 W	8000 W	10000 W	12000 W
Max.Charge/Discharge Power	12500 W / 5500 W	12500 W / 6600 W	12500 W / 8800 W	12500 W / 11000 W	12500 W / 13200 W
Battery Voltage Range	135-800 V				
Max. Charge/Discharge Current	25 A / 25 A				
Communication Port	CAN / RS485				
Efficiency					
Max. Efficiency	97.6%				
Max. MPPT Efficiency	99.9%				
Max. European Efficiency	97.0%				
Protection					
Integrated Protection	Anti-flow Protection, DC Reverse Protection, DC Circuit Breaker, Insulation Resistor Detection, Leakage Current Monitoring, Output Shorted Protection, Output Over Current Protection, Grid Monitoring, Anti-islanding Protection, Residual Current Monitoring, Reverse Polarity Protection, Off-grid Overload Protection.				
Surge Protection	DC Type II, AC Type II				
Display and Communication					
Display	LED+APP				
Communication	Yes: RS485 / USB , Optional: 4G / WiFi				
General Data					
Dimensions (WxHxD)	516 x 442 x 222 mm				
Weight	24 kg				
Operating Temperature Range	-30~60℃				
Noise	<30 dB				
Cooling	Smart Cooling				
Installation Style	Wall-mounted				
Protection Rating	IP66				
Warranty	10 Years				
Standards Compliance					
Grid Connection	G98/G99, EN 50549/50438, CEI 0-21, AS 4777.2, VDE 4105/0126, RD1699/661/413/244/2019, UNE 206006/206007, NTS Type A, UNE 217002/217001				
Safety Regulation	EN/IEC 62109-1/2				
Others	EN/IEC 61000-6-1/2/3/4				

* Max. DC input voltage is 1000V without battery, 850V with battery. If the voltage is greater than the maximum, the inverter is in standby state.
** Max. grid input power refers to the max. power drawn from the grid, including the supply of off-grid load and battery charging.

SL5.12LB
SL10.24LB
Low-Voltage Residential Battery System

Efficiency

- Small space, large electrical energy, high energy density and energy conversion efficiency;
- LiFePO4, stable performance, long cycle life, and up to 6,000 (5.12kWh) and 4,000(10.24kWh) charge and discharge cycles;

Security

- Contain no heavy metal elements such as cadmium and mercury;
- 15 years long lifespan;

Easy installation

- Support wall-mounted and floor installation;
- Plug and play, easy wiring;
- Easy to upgrade, support up to 6 units parallel connection;

Intelligent management

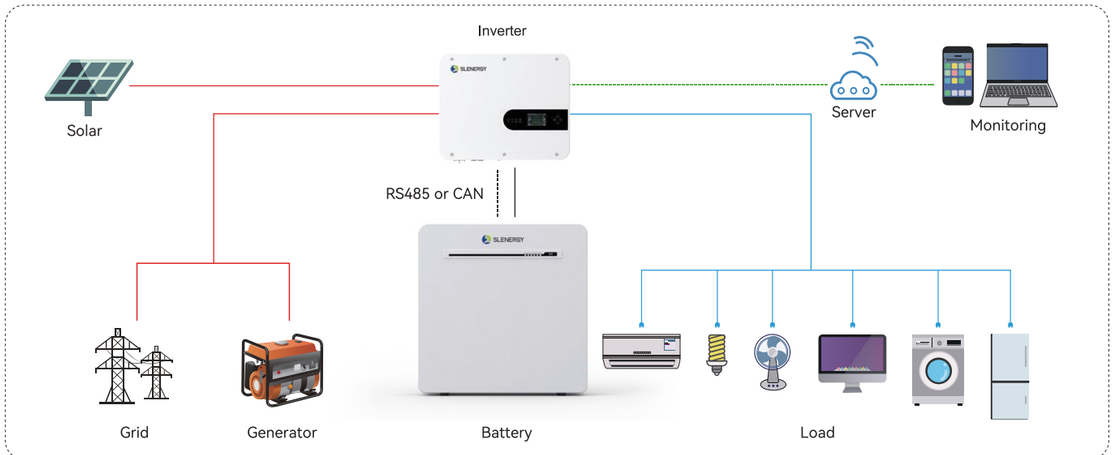
- BMS can monitor battery status, improve battery efficiency, balance battery packs, and protect battery safety;
- Remote diagnosis and real-time data monitoring with an inverter or PCS and operate through APP;

SL5.12LB

Model	SL5.12LB	2×SL5.12LB	3×SL5.12LB	4×SL5.12LB	5×SL5.12LB	6×SL5.12LB
System						
Battery Module Capacity	5.12 kWh	2×5.12 kWh	3×5.12 kWh	4×5.12 kWh	5×5.12 kWh	6×5.12 kWh
Usable Capacity (kWh)	4.6 kWh	2×4.6 kWh	3×4.6 kWh	4×4.6 kWh	5×4.6 kWh	6×4.6 kWh
Nominal Voltage (VDC)	51.2 V					
Operating Voltage Range (V)	44.8~56.8 V					
Rated Capacity	100 Ah	2×100 Ah	3×100 Ah	4×100 Ah	5×100 Ah	6×100 Ah
Maximum Charging Current	50A	100A	120A			
Maximum Discharge Current	100A	120A				
Life Cycles	⩾ 6000 (@25 °C, 0.5C, 90%DOD)					
Dimension Size (W× H × D)	550 × 550 × 167 mm					
Weight	50.7 kg					
Communication	RS485/CAN					
Environment						
Operation Temperature	0°C~50°C (Charge) / -20°C~50°C (Discharge)					
Humidity	5%~95% Condensation					
Altitude	⩽2000 m					
Cooling	Natural Cooling					
Installation Style	Wall-Mounted or Floor-Standing					
Protection Rating	IP65					
Warranty	10 Years					
Certification						
Certification	IEC 62619, IEC 60730, IEC 61000-6-1, IEC 61000-6-3, UN 38.3					

SL10.24LB

Model	SL10.24LB	2×SL10.24LB	3×SL10.24LB	4×SL10.24LB	5×SL10.24LB	6×SL10.24LB
System						
Battery Module Capacity	10.24 kWh	2×10.24 kWh	3×10.24 kWh	4×10.24 kWh	5×10.24 kWh	6×10.24 kWh
Usable Capacity (kWh)	9.5 kWh	2×9.5 kWh	3×9.5 kWh	4×9.5 kWh	5×9.5 kWh	6×9.5 kWh
Nominal Voltage(VDC)	51.2 V					
Operating Voltage Range (V)	44.8~56.8 V					
Rated Capacity	205 Ah	2×205 Ah	3×205 Ah	4×205 Ah	5×205 Ah	6×205 Ah
Maximum Charging Current	100A	200A				
Maximum Discharge Current	100A	200A				
Life Cycles	⩾ 4000 (@25 °C, 0.5C, 90%DOD)					
Dimension Size (W× H × D)	750 × 560 × 191 mm					
Weight	90.2 kg					
Communication	RS485/CAN					
Environment						
Operation Temperature	0°C~50°C (Charge) / -20°C~50°C (Discharge)					
Humidity	5%~95% Condensation					
Altitude	⩽2000 m					
Cooling	Natural Cooling					
Installation Style	Wall-Mounted or Floor-Standing					
Protection Rating	IP65					
Warranty	10 Years					
Certification						
Certification	IEC 62619, IEC 60730, IEC 61000-6-1, IEC 61000-6-3, UN 38.3					



SL7.36-36.8HB

High Voltage Battery System

SL-HB series is a high voltage battery that offers multiple energy storage options through an expandable modular design (2-10 modules combined), which further simplifies installation and O&M with multiple smart functions.
The safest battery cell technology (LFP) comes with a high charging rate, ensuring superior performance.

Original battery
active balance technology

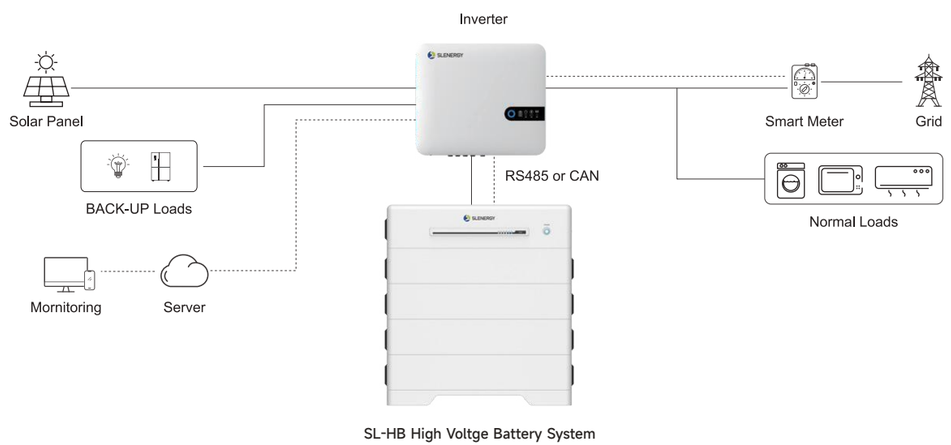
Flexible capacity options
7.68kWh to 36.8kWh

Easy installation with
modular and stacked design

Remote diagnosis
real-time data monitoring

Model	SL7.36HB	SL11.04HB	SL14.72HB	SL18.40HB	SL22.08HB	SL25.76HB	SL29.44HB	SL33.12HB	SL36.80HB
System									
Battery System Energy	7.36 kWh	11.04 kWh	14.72 kWh	18.40 kWh	22.08 kWh	25.76 kWh	29.44 kWh	33.12 kWh	36.80 kWh
Rated Battery Voltage	102.4 V	153.6 V	204.8 V	256 V	307.2 V	358.4 V	409.6 V	460.8 V	512 V
Rated capacity	72 Ah								
Rated Circuit	36A								
Max Charging /Discharging Current	50A								
Cycle times	≥5500 time *								
System Dimensions (W×H×D)	710 × 502 × 320 mm	710 × 639 × 320 mm	710 × 776 × 320 mm	710 × 913 × 320 mm	710 × 1050 × 320 mm	710 × 1187 × 320 mm	710 × 1324 × 320 mm	710 × 1461 × 320 mm	710 × 1598 × 320 mm
System Net Weight	93.84 kg	130.96 kg	160.08 kg	204.66 kg	246.64 kg	275.12 kg	316.56 kg	353.68 kg	390.8 kg
Communication	RS485/CAN								
Module									
Battery Module Energy	3.68 kWh								
Rated Battery Module Voltage	51.2 V								
Battery Module Dimensions (W×H×D)	710 × 137 × 320 mm								
Battery Module Net Weight	36.32 kg								
Environment									
Operating Temperature	-10°C~55°C (Charge) / -20°C~55°C (Discharge)								
Storage Temperature	-30°C~60°C								
Operating Humidity	5%~95%RH, non-condensing								
Operating Altitude	≤4000 m								
Cooling	Natural convection								
Installation	Wall-mounted or Floor-mounted								
Ingress Protection Rating	IP54								
Warranty	10 years								
Certification									
Standards	IEC 62619, IEC 63056 , MSDS, IEC 62040-1, IEC 61000-6-1, IEC 61000-6-3, UN 38.3								

*25°C，0.5C，80% DOD



SL29.9-50KRH-W NEW

C&I Hybrid Inverter

Flexible Design & Use

- 4 MPPT inputs，DC 40A current input, compatiable with highpower PV module;
- Provides 130% power to unbalance loads in backup mode & Grid mode;
- Supports application in retrofit scenario;
- Switching time <10ms;
- 135~800 V wide battery voltage range;
- Generator input is supported;

Convenient Installation & Operation

- Unique push-in connectors for time-saving installation;
- Touch free commissioning with smartphone;
- Compact size and elegant appearance;

Energy Independence

- 3 battery inputs，Fast charging / discharging to meet the demand of higher consumption;
- 110% continuous AC output overloading;
- 130% max. AC output overloading @85s;

Smart Management

- Remote firmware update and customisable settings
- Free online monitoring to enhance energy management for end user, installer and retailer
- Programmable supply priority for PV, Battery or Grid
- Remote BMS firmware update;

Model	SL29.9KRH-W	SL30KRH-W	SL35KRH-W	SL40KRH-W	SL50KRH-W
PV (DC)					
Recommended Max. PV Input Power	38870 Wp	39000 Wp	45500 Wp	52000 Wp	65000 Wp
Max. Input Voltage	1000 V				
Start-up Voltage	135 V				
Rated Input Voltage	600 V				
MPPT Input Voltage Range	135-900 V				
MPPT Max. Input Current	40A / 40 A / 40A			40A / 40 A / 40A / 40 A	
MPPT Short-circuit Current	50A / 50 A / 50A			50A / 50 A / 50A / 50 A	
No. of MPPT	3			4	
No. of Strings per MPPT	2/2/2			2/2/2/2	
Grid (AC)					
Max. Input Apparent Power	59800 VA	60000 VA	70000 VA	80000 VA	100000 VA
Rated Output Power	29900 W	30000 W	35000 W	40000 W	50000 W
Max. Output Apparent Power	32890 VA	33000 VA	38500 VA	40000 VA	55000 VA
Rated AC Voltage	230/400V				
Input/Output Voltage Range	180-300 V / 200-253 V				
Rated Output Voltage Frequency	50 / 60 Hz				
Input/Output Voltage Frequency Range	(45-55) ; (55-65) Hz				
Rated Output Current	43.33 A	43.48 A	50.72 A	57.97 A	72.5 A
Max. Input/Output Current	90.6 A / 58.89 A	90.9 A / 59.09 A	106.1 A / 68.94 A	121.2 A / 78.79 A	151.5 A / 98.48 A
Power Factor (Rated)	>0.99				
Power Factor (Adjustable)	0.8 leading ... 0.8 lagging				
Total Harmonic Distortion	<3% (Rated Power)				
Grid Connection Mode	3L/N/PE				
AC Load Output (Off-grid)					
Rated Output Power	29900 W	30000 W	35000 W	40000 W	50000 W
Max. Output Apparent Power	32890 W	33000 W	38500 W	44000 W	55000 W
Rated Output Voltage	230/400 V				
Output Voltage Range	180-300 V / 200-253 V				
Rated Output Frequency	50/60 Hz				
Rated Output Current	43.33 A	43.48 A	50.72 A	57.97 A	72.5 A
Max. Output Current	58.89 A	59.09 A	68.94 A	78.79 A	98.48 A
Total Harmonic Distortion	< 3% (R Load)				
On-grid/Off-grid Switching Time	< 10 ms				
Battery (DC)					
Rated Output Power	29900 W	30000 W	35000 W	40000 W	50000 W
Max.Charge/Discharge Power	29900 W/32890 W	30000 W/33000 W	35000 W/38500 W	40000 W/44000 W	50000 W/55000 W
Rated Voltage	210 V	210 V	245 V	280 V	350 V
Battery Voltage Range	135-800 V				
Max. Charge/Discharge Current	150 A / 150 A				
Communication Port	CAN / RS485				
Efficiency					
Max. Efficiency	97.6%				
Max. MPPT Efficiency	99.9%				
Max. Euro Efficiency	97.0%				
Protection					
Integrated Protection	LVRT/HVRT,Anti-islanding protection,AC short circuit protection,Leakage current protection, Insulation Resistance Monitoring,PV reverse protection,RSD,Arc fault protection,DC switch (solar), DC fuse (battery),Surge protection device,Battery reverse protection.				
Surge Protection	DC Type II, AC Type II				
Display and Communication					
Display	LED+APP				
Communication	Yes: RS485/USB, Optional: 4G/WiFi				
General Data					
Dimensions (WxHxD)	714 x 628 x 290 mm				
Weight	80 kg				
Operating Temperature Range	-30~60 °C				
Noise	<65 dB				
Cooling	Intelligent air cooling				
Installation Style	Wall-mounted				
Ingress Protection Rating	IP66				
Warranty	5 Years (10 Years Optional)				
Standards Compliance					
Grid Connection	NB/T 32004, EN 50549-1, CEI 0-21, VDE-AR-N 4105, NTS Type A&B, RD 1699/661/413/647/244/2019, UNE 206006/206007/217001/217002				
Safety Regulation	EN/IEC 62109-1/2				
Others	EN/IEC 61000-6-1/2/3/4				

SL125KRP-W NEW

PCS

Reduce cost and increase efficiency

- 125kW Modular Energy Storage Converters，larger capacity in the same volume;
- Under the same volume, the charge is greater;
- Three-level modular design, bi-directional energy conversion, max. efficiency 98.5%;

Convenient and friendly

- On-demand allocation, peak load shifting and automatic operation locally;
- compatible with major cells capacity of different manufacturers and Tier-1 suppliers;
- Multiple communication and control interfaces for easy adaptation to third-party EMS devices;

Safe and reliable

- Modular design, convenient Installation and operation;
- Balanced current conversion and health management of batteries，optimized battery cycle life;
- IP66 protection level, strong environmental adaptability;

Smart Management

- Remote firmware update and customisable settings
- Free online monitoring to enhance energy management;
- Programmable supply priority for PV, Battery or Grid;

Model	SL125KRP-W
DC side (Battery)	
DC voltage range	600V-1000V
Max. Charge/Discharge current	160 A
AC side (Grid)	
Nominal AC output power	125 kVA
Max. AC output power	137.5 kVA
Nominal AC voltage	400 V
Nominal grid frequency	50/60Hz
Grid frequency range	45~55Hz/55~65Hz
AC connection	3L/N
Nominal AC output current	181 A
Max. AC output current	199 A
Power factor at nominal power /Adjustable power factor	>0.99/-1~1
Max.THD of current	<3% (at nominal power)
Efficiency	
Max. efficiency	98.5%
Protection	
DC input protection	Yes
Protection level/overvoltage level	I/II
Surge protection	DC Type II, AC Type II
Display and Communication	
Display	LED
Communication	CAN/RS485/DI/DO/Ethernet
General data	
Dimensions (W×H×D)	700×280×850 mm
Weight	80 kg
Operating ambient temperature range	-20~60°C
Allowable relative humidity range	0~100% (non-condensing)
Max. operating altitude	3000 m
Noise	<80dB
Cooling method	Intelligent air cooling
Ingress Protection Rating	IP66
Warranty	10 years
DC connection type	Plug and unplug terminal
AC connection type	Plug and unplug terminal
Standards Compliance	
Grid Connection	GB/T 34120/34133, EN 50549-1, CEI 0-21, VDE-AR-N 4105, NTS Type A&B, RD 1699/661/413/647/244/2019, UNE 206006/206007/217001/217002
Safety Regulation	EN/IEC 62109-1/2
Others	EN/IEC 61000-6-1/2/3/4

SL50/128CH3-W NEW

C&I Energy Storage System

Product Feature

- Space grade fire protection, water fire protetion and vented explosion design, safe and reliable;
- Intelligent liquid cooling technology and efficient thermal management can balance heat dissipation, cell temperature difference ≤ 2.1 °C;
- Full stack self-developed and integrated BMS/Inverter/Pack, moduled design for fast installation;
- AC/DC modular design, systematic delivery, and more convenient for maintenance;
- Free online monitoring to enhance energy management;
- Save Capex, expanding as required, max. 10 cabinets parallel operation;

Model	SL50/128CH3-W
PV side	
Max. input voltage	1000 V
MPPT voltage range	135~900 V
Max. current per MPPT	40 A
Number of MPPT	4
Number of inputs per MPPT	2
Battery side	
Battery type	LFP
Cell parameter	314Ah 3.2V
PACK configuration	64kWh/1P64S
Battery system configuration	128kWh/1P128S
Max. DC Current	150 A
Operating voltage range	324~438 V
Hybrid side	
Rated Output Power	50 kW
Max. AC output power	55 kW
AC output system	TN
Total Harmonic Distortion (THDv)	<3% (Linear load)
DC component	<0.5% (Rated power)
Nominal AC voltage	3L/N/PE, 230/400Vac
Grid voltage range	323~418V
Adjustable Power Factor Range	-1~+1
Nominal grid frequency	50 Hz/60 Hz
frequency range	45~55 Hz/55~65 Hz
General parameters	
Dimensions (W×H×D)	1050 x 2000 x 1600 mm
Weight	< 2000 kg
Max. efficiency	⩾ 90%
Charge/Discharge rate	⩽ 0.5C
Cycle index	⩾ 8000 times *
Ingress Protection Rating	IP55
Auxiliary power supply	Self-powered and external power supply
Operation temperature range	-35°C ~+55°C (>45°C derating)
Operation humidity range	0~100%
Max. operation altitude	4000 m (>2000 m derating)
Noise	⩽70dB
Anti corrosion level	C3 (standard), C5 (optional)
Battery temperature control mode	Intelligent liquid cooling
Fire safety configuration	Smoke sensing, temperature sensing, combustible gas detector, sound and light alarm Space grade fire protection, submerged water fire protection
Communication port	Ethernet/CAN/RS485
Communication protocol	IEC61850/Modbus
Standards Compliance	
Grid Connection	NB/T 32004, GB/T 34120/34133, EN 50549-1, CEI 0-21, VDE-AR-N 4105, NTS Type A&B, RD 1699/661/413/647/244/2019, UNE 206006/206007/217001/217002
Safety Regulation	EN/IEC 62109-1/2,IEC 62619,GB/T36276
Others	EN/IEC 61000-6-1/2/3/4

*25°C，0.5C，70% SOH

SL125/257CP3-W NEW

C&I Energy Storage System

Product Feature

- 300+Ah big cell capacity, high energy density, small footprint;
- AC/DC modular design, systematic delivery, and more convenient for maintenance;
- Integrated system design, convenient and efficient for transportation, lifting and installation, faster on-site construction;
- Intelligent liquid cooling technology and efficient thermal management can balance heat dissipation, cell temperature difference ≤ 2.1 °C;
- System grade fire protection, Pack grade fire protection, water fire protetion and vented explosion design, safe and reliable;
- Cluster level battery management, higher battery utilization.

Model	SL125/257CP3-W
Battery cabinet data	
Cell type	LFP
System battery configuration	256S/1P-314Ah*
Battery capacity (BOL) at DC side	257 kWh
System output voltage range	691.2 ~ 934.4 V
PCS cabinet data	
Nominal AC power	125 kW
Max.THD of curretnt	< 3% (at nominal power)
DC component	< 0.5% (at nominal power)
Nominal grid voltage	400 V
Nominal grid voltage range	340 ~ 440 V
Nominal grid frequency	50/60 Hz
Nominal grid frequency range	45~55 Hz / 55~65 Hz
General data	
Dimensions (W×H×D)	1050 x 2350 x 1600 mm
Weight	< 2800 kg
Max. cycle efficiency	≥ 90%
Charge/Discharge Rate	≤0.5C
Cycle index	≥8000 times**
Ingress Protection Rating	IP55
Auxiliary power supply	Self powered / external powered
Anti-corrsion grade	C3 (standard), C5 (optional)
Allowable relative humidity range	0% ~ 100% (non-condensing)
Operating temperature range	-20℃ ~ 60℃ (> 45 ℃ derating)
Max. working altitude	4000 m (>2000 m derating)
Cooling concept of battery chamber	Intelligent liquid cooling
Fire safety equipment	Smoke sensing, temperature sensing, combustible gas detector, sound and light alarm, Space grade fire protection, PACK fire protection, submerged water fire protection
Communication port	Ethernet/CAN/RS485
Communication protocol	IEC61850/Modbus
Standards Compliance	
Grid Connection	GB/T 34120/34133, EN 50549-1, CEI 0-21, VDE-AR-N 4105, NTS Type A&B, RD 1699/661/413/647/244/2019, UNE 206006/206007/217001/217002
Safety Regulation	EN/IEC 62109-1/2, IEC 62619, GB/T36276
Others	EN/IEC 61000-6-1/2/3/4

*Max. cell capacity: 320Ah
**25℃, 0.5C, 70% SOH

Grid-connected
Solar PV Solution

Residential Solar PV Solution
SL3-15KRG-W / SL17-25KRG-W

C&I Solar PV Solution
SL30-50KRG-W / SL100-110KRG-W / SL150KRG-W

Utility Scale Solar PV Solution
SL320-350KRM-W

IP66 Protection Degree for Stronger

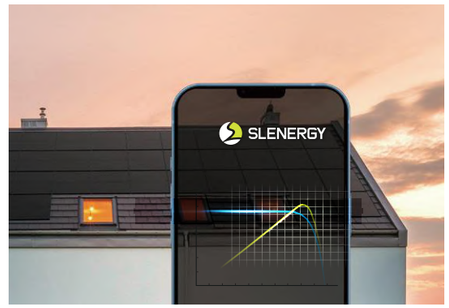
Environmental Adaptability

The protection degree higher than the average makes the Slenergy household inverter can be used in a wider area, and the Slenergy household inverter can respond calmly to both humid and rainy tropical rainforest climate and temperate monsoon climate.

Intelligent Security Protection

For a New Reliable Energy Experience

Intelligent I-V curve scanning can find the hidden string fault in time and accurately guide the maintenance work; Built-in real-time inspection of arc voltage to prevent fire; APP remote intelligent monitoring makes the operating state of inverter clear at a glance.



SL3-15KRG-W

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Three phases Grid-connected Inverter

High Yield & Efficiency

- Max. Efficiency of inverter is up to 98.6%;
- SiC power components to increase power generation;
- 150% PV array oversizing, 110% AC output overloading, 16 A input current per string to compatible with bifacial and large PV modules;
- Low start-up voltage and wide MPP voltage for more power generation time;

Safe & Reliable

- Type II AC&DC Surge Protection;
- Adapt film bus capacitors to inprove reliability of system;
- IP66 protection rating, C5 anti-corrosion rating, high environmental adaptability system Integration;
- Supports AFCI Protection, preventing sparking or arcing that may potentially cause an electrical fire;
- Built in RS485, supports WiFi and 4G, Firmware update remotely or by USB interface;
- LED indicators for different status, LCD display for realtime data read;

Aesthetic & Compact

- Screw free cover design, Integrated molding box without welding, good aesthetic & product stability and consistency;
- Light weight, small volume and compact size;
- Aluminum die casting shell with reinforcing bars, 3 layer effective waterproof design, to resist harsh environment;
- Fanless design, natural heat dissipation, low noise;

Smart Management

- Support intelligent automatic I-V curve scanning for fault diagonosis, precise positoning of the abnormal string;
- Free online real-time monitoring of system power generation and energy management for end user, installer and retailer;

MODEL	SL3KRG-W	SL4KRG-W	SL5KRG-W	SL6KRG-W	SL7KRG-W	SL8KRG-W	SL9KRG-W	SL10KRG-W	SL11KRG-W	SL12KRG-W	SL13KRG-W	SL15KRG-W
Input Data (DC)												
Max. Input Power	4.5 kW	6 kW	7.5 kW	9 kW	10.5 kW	12 kW	13.5 kW	15 kW	16.5 kW	18 kW	19.5 kW	22.5 kW
Max. DC Voltage	1100 V											
Start-up Voltage	180 V											
Nominal Voltage	600 V											
MPPT Voltage Range	140~1000 V											
No. of MPP Trackers	2											
No. of PV Strings per MPP Tracker	1 / 1				1 / 2							
Max. Input Current per MPP Tracker	16A / 16A				16A / 32A							
Max. Input Short-circuit Current per MPPT	20A / 20 A				20A / 40 A							
Output Data (AC)												
Nominal Output Power	3 kW	4 kW	5 kW	6 kW	7 kW	8 kW	9 kW	10 kW	11 kW	12 kW	13 kW	15 kW
Max. AC Apparent Power	3.3 kVA	4.4 kVA	5.5 kVA	6.6 kVA	7.7 kVA	8.8 kVA	9.9 kVA	11 kVA	12.1 kVA	13.2 kVA	14.3 kVA	16.5 kVA
Nominal AC Voltage	230/400 V, 3L/N/PE											
AC Grid Frequency	50/60 Hz											
Frequency Range	(45-55)/(55-65) Hz											
Max. Output Current (PF=0.9)	4.8 A	6.4 A	8.0 A	9.6 A	11.2 A	12.8 A	14.3 A	15.9 A	17.5 A	19.1 A	20.7 A	23.9 A
Power Factor	>0.99											
Adjustable Power Factor Range	0.8leading...0.8lagging											
Max. Total Harmonic Distortion	<3% (Rated Power)											
Efficiency												
Max. Efficiency	98.4%				98.5%						98.6%	
European Efficiency	97.5%				98.0%						98.1%	
MPPT Efficiency	99.9%											
Protection												
Anti-flow Protection	Optional											
DC Reverse Polarity Protection	Yes											
DC Switch	Yes											
DC Surge Protection	Type II											
Insulation Resistance Monitoring	Yes											
Residual-current Monitoring Unit (GFCI)	Yes											
AC Short-circuit Protection	Yes											
AC Surge Protection	Type II											
Grid Monitoring	Yes											
Anti-islanding Protection	Yes											
String Fault Monitoring	/	Optional										
AFCI Protection	Optional											
General Data												
Dimensions (W×H×D)	440×370×140 mm	440×370×186 mm									440×370×186 mm	
Weight	13 kg	16 kg									17 kg	
Operating Temperature Range	–25°C~+60°C (>45°C derating)											
Relative Humidity	0~100%											
Altitude	4000 m (>2000 m derating)											
Self-consumption at Night	<1 W											
Topology	Transformerless											
Cooling	Natural convection											Intelligent Air Cooling
Protection Rating	IP66											
Guarantee Period	5 Years / 10 Years (Optional)											
Display	LED & LCD											
Communication	Yes: RS485/USB, Optional: 4G/WiFi											
Standards Compliance												
Grid Connection	NB/T 32004, G98/G99, VDE 0126/4105/0124, EN 50549-1/2, CEI0-21/CEI0-16, AS 4777.2, IEC 61727/62116, PEA, MEA, RD1699/661/413/244/2019, UNE 206006/206007, NTS Type A, UNE 217002/217001											
Safety Standards	IEC 62109-1/2											
Others	EN 61000-6-1/2/3/4, IEC 61683, IEC 60068 (1,2,14,30)											

SL17-25KRG-W

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Three phases Grid-connected Inverter

High Yield & Efficiency

- SiC power components to increase power generation;
- 150% PV array oversizing, 110% AC output overloading, 16 A input current per string to compatible with bifacial and large PV modules;
- Intergrated anti-PID (Potential Induced Degradation) functions, Significantly reduce the negative effect of PID;
- Low start-up voltage and wide MPP voltage for more power generation time;

Safe & Reliable

- Type II AC&DC Surge Protection;
- Adapt film bus capacitors to inprove reliability of system;
- IP66 protection rating, C5 anti-corrosion rating, high environmental adaptability system Integration;
- Supports AFCI Protection, preventing sparking or arcing that may potentially cause an electrical fire;
- Built in RS485, supports WiFi and 4G, Firmware update remotely or by USB interface;
- LED indicators for different status, LCD display for realtime data read;

Aesthetic & Compact

- Screw free cover design, Integrated molding box without welding, good aesthetic & product stability and consistency;
- Light weight, small volume and compact size;
- Aluminum die casting shell with reinforcing bars, 3 layer effective waterproof design, to resist harsh environment;

Smart Management

- Support intelligent automatic I-V curve scanning for fault diagonosis, precise positoning of the abnormal string;
- Free online real-time monitoring of system power generation and energy management for end user, installer and retailer;

Model	SL17KRG-W	SL20KRG-W	SL22KRG-W	SL25KRG-W
Input Data (DC)				
Max. Input Power	25.5 kW	30 kW	33 kW	37.5 kW
Max. DC Voltage	1100 V			
Start-up Voltage	180 V			
Nominal Voltage	600 V			
MPPT Voltage Range	160-1000 V			
No. of MPP Trackers	2			
No. of PV Strings per MPP Tracker	2			
Max. Input Current per MPP Tracker	32 A			
Max. Input Short-circuit Current per MPPT	40 A			
Output Data (AC)				
Nominal Output Power	17 kW	20 kW	22 kW	25 kW
Max. AC Apparent Power	18.7 kVA	22 kVA	24.2 kVA	27.5 kVA
Nominal AC Voltage	230/400 V, 3L/N/PE or 3L/PE			
AC Grid Frequency	50/60 Hz			
Frequency Range	(45-55)/(55-65) Hz			
Max. Output Current (PF=0.9)	28.4 A	33.4 A	36.8 A	41.8 A
Power Factor	>0.99			
Adjustable Power Factor Range	0.8 leading...0.8 lagging			
Max. Total Harmonic Distortion	<3% (Rated Power)			
Efficiency				
Max. Efficiency	98.5%			
European Efficiency	98.0%			
MPPT Efficiency	99.9%			
Protection				
Anti-flow Protection	Yes			
DC Reverse Polarity Protection	Yes			
DC Switch	Yes			
DC Surge Protection	Type II			
Insulation Resistance Monitoring	Yes			
Residual-current Monitoring Unit (GFCI)	Yes			
AC Short-circuit Protection	Yes			
AC Surge Protection	Type II			
Grid Monitoring	Yes			
Anti-islanding Protection	Yes			
Anti-PID Function	Yes			
AFCI Protection	Optional			
General Data				
Dimensions (W×H×D)	520 x 420 x 242 mm			
Weight	27 kg			
Operating Temperature Range	-25°C~+60°C （>45°C derating)			
Relative Humidity	0~100%			
Altitude	4000 m （>2000 m derating)			
Self-consumption at Night	<1 W			
Topology	Transformerless			
Cooling	Intelligent Air Cooling			
Protection Degree	IP66			
Guarantee Period	5 Years / 10 Years (Optional)			
Display	LED & LCD			
Communication	Yes: RS485/USB, Optional: 4G/WiFi			
Standards Compliance				
Grid Connection	NB/T 32004, G98/G99, VDE 0126/4105/0124, EN 50549-1/2, CEI0-21/CEI0-16, AS 4777.2, IEC 61727/62116, PEA, MEA, RD1699/661/413/244/2019, UNE 206006/206007, NTS Type A, UNE 217002/217001			
Safety Standards	IEC 62109-1/2			
Others	EN 61000-6-1/2/3/4, IEC 61683, IEC 60068(1,2,14,30)			

SL30-50KRG-W

reddot winner 2024

Three phases Grid-connected Inverter

High Yield & Efficiency

- SiC power components to increase power generation;
- 150% PV array oversizing, 110% AC output overloading, 16 A input current per string to compatible with bifacial and large PV modules;
- Intergrated anti-PID (Potential Induced Degradation) functions, Significantly reduce the negative effect of PID;
- Low start-up voltage and wide MPP voltage for more power generation time;

Safe & Reliable

- Type II AC&DC Surge Protection;
- Adapt film bus capacitors to inprove reliability of system;
- IP66 protection rating, C5 anti-corrosion rating, high environmental adaptability system Integration;
- Supports AFCI Protection, preventing sparking or arcing that may potentially cause an electrical fire;
- Built in RS485, supports WiFi and 4G, Firmware update remotely or by USB interface;
- LED indicators for different status, LCD display for realtime data read;

Aesthetic & Compact

- Screw free cover design, Integrated molding box without welding, good aesthetic & product stability and consistency;
- Light weight, small volume and compact size;
- Aluminum die casting shell with reinforcing bars, 3 layer effective waterproof design, to resist harsh environment;

Smart Management

- Support intelligent automatic I-V curve scanning for fault diagonosis, precise positoning of the abnormal string;
- Free online real-time monitoring of system power generation and energy management for end user, installer and retailer;

Model	SL30KRG-W	SL33KRG-W	SL36KRG-W	SL40KRG-W	SL50KRG-W
Input Data (DC)					
Max. Input Power	45 kW	49.5 kW	54 kW	60 kW	75 kW
Max. DC Voltage	1100 V				
Start-up Voltage	180 V				
Nominal Voltage	600 V				
MPPT Voltage Range	200-1000 V				
No. of MPP Trackers	3	3	3	4	4
No. of PV Strings per MPP Tracker	2				
Max. Input Current per MPP Tracker	32 A				
Max. Input Short-circuit Current per MPPT	40 A				
Output Data (AC)					
Nominal Output Power	30 kW	33 kW	36 kW	40 kW	50 kW
Max. AC Apparent Power	33 kVA	36 kVA	39.6 kVA	44 kVA	55 kVA
Nominal AC Voltage	230/400 V，3L/N/PE or 3L/PE				
AC Grid Frequency	50/60 Hz				
Frequency Range	(45-55)/(55-65) Hz				
Max. Output Current (PF=0.9)	48.3 A	54.5 A	60 A	66.7 A	84.1 A
Power Factor	>0.99				
Adjustable Power Factor Range	0.8 leading...0.8 lagging				
Max. Total Harmonic Distortion	<3% (Rated Power)				
Efficiency					
Max. Efficiency	98.4%				
European Efficiency	98.2%				
MPPT Efficiency	99.9%				
Protection					
Anti-flow Protection	Optional				
DC Reverse Polarity Protection	Yes				
DC Switch	Yes				
DC Surge Protection	Type II				
Insulation Resistance Monitoring	Yes				
Residual-current Monitoring Unit (GFCI)	Yes				
AC Short-circuit Protection	Yes				
AC Surge Protection	Type II				
Grid Monitoring	Yes				
Anti-islanding Protection	Yes				
String Fault Monitoring	Yes				
AFCI Protection	Optional				
General Data					
Dimensions (W×H×D)	590 x 480 x 237 mm				
Weight	32 kg	32 kg	32 kg	34 kg	35kg
Operating Temperature Range	-25℃~+60℃ (45℃ derating)				
Relative Humidity	0~100%				
Altitude	4000 m (>2000 m derating)				
Self-consumption at Night	<1 W				
Topology	Transformerless				
Cooling	Intelligent Air Cooling				
Protection Rating	IP66				
Guarantee Period	5 Years / 10 Years (Optional)				
Display	LED & LCD				
Communication	Yes: RS485/USB, Optional: 4G/WiFi				
Standards Compliance					
Grid Connection	NB/T 32004, G98/G99, VDE 0126/4105/0124, EN 50549-1/2, CEI0-21/CEI0-16, AS 4777.2, IEC 61727/62116, PEA, MEA, RD1699/661/413/244/2019, UNE 206006/206007, NTS Type A&B, UNE 217002/217001				
Safety Standards	IEC 62109-1/2				
Others	EN 61000-6-1/2/3/4, IEC 61683, IEC 60068(1,2,14,30)				

SL100-110KRG-W

Three phases Grid-connected Inverter

High Yield

- 9 MPPT to achieve maximum power output for complex application scenarios;
- SiC power components to increase power generation;
- 150% PV array oversizing, 110% AC output overloading, 16 A input current per string to compatible with bifacial and large PV modules;
- Intergrated anti-PID (Potential Induced Degradation) functions, Significantly reduce the negative effect of PID;
- Low start-up voltage and wide MPP voltage for more power generation time ;

Safe and Reliable

- Aluminum die casting shell with reinforcing bars, 3 layer effective waterproof design, to resist harsh environment;
- Adapt film bus capacitors to inprove reliability of system;
- Type II AC&DC Surge Protection;
- IP66 protection rating, C5 anti-corrosion rating, high environmental adaptability system Integration;
- Supports AFCI Protection, preventing sparking or arcing that may potentially cause an electrical fire;

User-friendly

- Independent AC terminal box design, save 30% installation time;
- Firmware update remotely or by USB interface;
- Online monitoring by slenergy Smart M app. via RS485/USB/Bluetooth, supports 4G/WiFi;
- Quick & Easy-to-install with basic tools, LED indicators for different status;

Smart Management

- Support intelligent automatic I-V curve scanning for fault diagonosis, precise positoning of the abnormal string;
- Free online real-time monitoring of system power generation and energy management for end user, installer and retailer;

Model	SL100KRG-W	SL110KRG-W
Input Data (DC)		
Max. Input Power	150 kW	165 kW
Max. DC Voltage	1100 V	
Start-up Voltage	180 V	
Nominal Voltage	600 V	
MPPT Voltage Range	200-1000 V	
No. of MPP Trackers	9	
No. of PV Strings per MPP Tracker	2	
Max. Input Current per MPP Tracker	32 A	
Max. Input Short-circuit Current per MPPT	40 A	
Output Data (AC)		
Nominal Output Power	100 kW	110 kW
Max. AC Apparent Power	110 kVA	121 kVA
Nominal AC Voltage	3L/N/PE, 220 V / 380 V, 230 V / 400 V	
AC Grid Frequency	50/60 Hz	
Frequency Range	(45-55)/(55-65) Hz	
Max. Output Current (PF=0.9)	166.7 A	175 A
Power Factor	> 0.99 (Rated)	
Adjustable Power Factor Range	0.8 leading...0.8 lagging	
Max. Total Harmonic Distortion	<3% (Rated Power)	
Efficiency		
Max. Efficiency	98.5%	
European Efficiency	98.1%	
MPPT Efficiency	99.9%	
Protection		
Anti-flow Protection	Optional	
DC Reverse Polarity Protection	Yes	
DC Switch	Yes	
DC Surge Protection	Type II	
Insulation Resistance Monitoring	Yes	
Residual-current Monitoring Unit (GFCI)	Yes	
AC Short-circuit Protection	Yes	
AC Surge Protection	Type II	
Grid Monitoring	Yes	
Anti-islanding Protection	Yes	
String Fault Monitoring	Yes	
AFCI Protection	Optional	
General Data		
Dimensions (W×H×D)	1040 x 700 x 350 mm	
Weight	88 kg	
Operating Temperature Range	-25°C~+60°C （>45°C derating)	
Relative Humidity	0~100%	
Altitude	4000 m (> 3000 m derating)	
Self-consumption at Night	<4 W	
Topology	Transformerless	
Cooling	Intelligent Air Cooling	
Protection Rating	IP66	
Guarantee Period	5 Years / 10 Years (Optional)	
Display	LED	
Communication	Yes:RS485/USB/Bluetooth, Optional:4G/WiFi	
Standards Compliance		
Grid Connection	NB/T 32004, G98/G99, VDE 0126/4105/0124, EN 50549-1/2, CEI0-21/CEI0-16, AS 4777.2, IEC 61727/62116, PEA, MEA, RD1699/661/413/244/2019, UNE 206006/206007, NTS Type B, UNE 217002/217001	
Safety Standards	EN/IEC 62109-1/2	
Others	EN/IEC 61000-6-1/2/3/4, IEC 61683 , IEC 60068(1,2,14,30)	

SL150KRG-W NEW

C&I Solar Inverter (1100V)

High Yield

- Several MPPT to achieve maximum power output for complex application scenarios;
- SiC power components to increase power generation;
- 150% PV array oversizing, 110% AC output overloading, Large input current per string to compatible with 700W+ PV modules;
- Intergrated anti-PID (Potential Induced Degradation) functions, Significantly reduce the negative effect of PID;
- Low start-up voltage and wide MPP voltage for more power generation time;

Safe and Reliable

- Aluminum die casting shell with reinforcing bars, 3 layer effective waterproof design, to resist harsh environment;
- Adapt film bus capacitors to inprove reliability of system;
- Type II AC&DC Surge Protection;
- IP66 protection rating, C5 anti-corrosion rating, high environmental adaptability system Integration;
- Supports AFCI Protection, preventing sparking or arcing that may potentially cause an electrical fire;

User-friendly

- Independent AC terminal box design, save 30% installation time;
- Firmware update remotely or by USB interface;
- Online monitoring by slenergy Smart M app. via RS485/USB/Bluetooth, supports 4G/WiFi;
- Quick & Easy-to-install with basic tools, LED indicators for different status;

Smart Management

- Supports intelligent automatic I-V curve scanning for fault diagonosis, precise positoning of the abnormal string;
- Free online real-time monitoring of system power generation and energy management for end user, installer and retailer.

Model	SL150KRG-W
Input Data (DC)	
Max. Input Power	225 kW
Max. DC Voltage	1100 V
Start-up Voltage	200 V
Nominal Voltage	600 V
MPPT Voltage Range	180-1000 V
No. of MPP Trackers	7
No. of PV Strings per MPP Tracker	3
Max. Input Current per MPP Tracker	48 A
Max. Input short Current per MPP Tracker	66 A
Output Data (AC)	
Nominal Output Power	150 kW
Max. AC Apparent Power	165 kVA
Nominal AC Voltage	230 V/400 V , 3L/N/PE or 3L/PE
AC Grid Frequency	50/60 Hz
Frequency Range	(45-55)/(55-65) Hz
Max. Output Current (PF=0.9)	250.7 A
Power Factor	> 0.99
Adjustable Power Factor	0.8 leading...0.8 lagging
THDi	<3%
Efficiency	
Max. Efficiency	98.5%
European Efficiency	98.2%
MPPT Efficiency	99.9%
Protection	
DC Reverse Polarity Protection	Yes
DC Switch	Yes
DC Surge Protection	Type II
PID Repair	Optional
Insulation Resistance Monitoring	Yes
Residual-current Monitoring Unit	Yes
AC Short-circuit Protection	Yes
AC Surge Protection	Type II
Grid Monitoring	Yes
Anti-islanding Protection	Yes
String Fault Monitoring	Yes
AFCI Protection	Optional
General Data	
Dimensions (W×H×D)	1040 x 700 x 350 mm
Weight	85 kg
Operating Temperature Range	–25° C- +60° C (45° C derating)
Relative Humidity	0-100%
Altitude	4000m (> 3000 m derating)
Self-consumption at Night	<4 W
Topology	Transformerless
Cooling	Intelligent Air Cooling
Ingress Protection Rating	IP66
Guarantee Period	5 Years / 10 Years (Optional)
Display	LED
Communication	Yes:RS485/USB, Optional:4G/WiFi/Bluetooth
Standards Compliance	
Grid Connection	NB/T 32004, G98/G99, VDE 0126/4105/0124, EN 50549-1/2, CEI0-21/CEI0-16, AS 4777.2, IEC 61727/62116, PEA, MEA, RD1699/661/413/244/2019, UNE 206006/206007, NTS Type B, UNE 217002/217001
Safety Standards	EN/IEC 62109-1/2
Others	EN/IEC 61000-6-1/2/3/4, IEC 61683 , IEC 60068(1,2,14,30)

SL320-350KRM-W NEW
Utility Scale Solar Inverter (1500V)

High Yield

- Max. Efficiency 99.0%, European Efficiency 98.5%;
- SiC power components to increase power generation;
- 130% PV array oversizing, 110% AC output overloading, 70 A input current per string to compatible with large current PV modules;
- Intergrated anti-PID (Potential Induced Degradation) functions, Significantly reduce the negative effect of PID;

Safe and Reliable

- Aluminum die casting shell with reinforcing bars, 3 layer effective waterproof design, to resist harsh environment;
- Adapt film bus capacitors to inprove reliability of system;
- Type II AC&DC Surge Protection;
- IP66 protection rating, C5 anti-corrosion rating, high environmental adaptability system Integration;
- Supports AFCI Protection, preventing sparking or arcing that may potentially cause an electrical fire;

User-friendly

- Independent AC terminal box design, save 30% installation time;
- Firmware update remotely or by USB interface;
- Online monitoring by slenergy Smart M app. via RS485/USB/Bluetooth, supports 4G/WiFi;
- Quick & Easy-to-install with basic tools, LED indicators for different status;

Smart Management

- Supports intelligent automatic I-V curve scanning for fault diagonosis, precise positoning of the abnormal string;
- Free online real-time monitoring of system power generation and energy management for end user, installer and retailer.

Model	SL320KRM-W	SL350KRM-W
Input Data (DC)		
Max. Input Power	416 kW	455 kW
Max. DC Voltage	1500 V	
Start-up Voltage	550 V	
Nominal Voltage	1080 V	
MPPT Voltage Range	500-1500 V	
No. of MPP Trackers	6	
No. of PV Strings per MPP Tracker	5	
Max. Input Current per MPP Tracker	70 A	
Max. Input short Current per MPP Tracker	125 A	
Output Data (AC)		
Nominal Output Power	320 kW	350 kW
Max. AC Apparent Power	352 kVA	385 kVA
Nominal AC Voltage	460 V/800 V , 3L/PE	
AC Grid Frequency	50/60 Hz	
Frequency Range	(45-55)/(55-65) Hz	
Max. Output Current (PF=0.9)	254 A	277.8 A
Power Factor	>0.99	
Adjustable Power Factor	0.8 leading...0.8 lagging	
THDi	<3%	
Efficiency		
Max. Efficiency	99.0%	
European Efficiency	98.5%	
MPPT Efficiency	99.9%	
Protection		
DC Reverse Polarity Protection	Yes	
DC Switch	Yes	
DC Surge Protection	Type II	
PID Repair	Optional	
Insulation Resistance Monitoring	Yes	
Residual-current Monitoring Unit	Yes	
AC Short-circuit Protection	Yes	
AC Surge Protection	Type II	
Grid Monitoring	Yes	
Anti-islanding Protection	Yes	
String Fault Monitoring	Yes	
AFCI Protection	Optional	
General Data		
Dimensions (W×H×D)	1030 x 810 x 350 mm	
Weight	100 kg	
Operating Temperature Range	–25° C- +60° C (45° C derating)	
Relative Humidity	0~100%	
Altitude	4000m (>3000 m derating)	
Self-consumption at Night	<6 W	
Topology	Transformerless	
Cooling	Intelligent Air Cooling	
Ingress Protection Rating	IP66	
Guarantee Period	5 Years / 10 Years (Optional)	
Display	LED	
Communication	Yes:RS485/USB, Optional:4G/WiFi/Bluetooth	
Standards Compliance		
Grid Connection	NB/T 32004, G98/G99, VDE 0126/4105/0124, EN 50549-1/2, CEI0-21/CEI0-16, AS 4777.2, IEC 61727/62116, PEA, MEA, RD1699/661/413/244/2019, UNE 206006/206007, NTS Type B&C, UNE 217002/217001	
Safety Standards	EN/IEC 62109-1/2	
Others	EN/IEC 61000-6-1/2/3/4, IEC 61683 , IEC 60068(1,2,14,30)	

Smart M

Slenergy Smart Energy Management System

Product Feature

- **Smart management**
  Combining industry-leading cloud computing platforms，centralized management to improve efficiency of system；
- **Deep traceablity**
  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；

Designation	Smart M
Function	Monitor, Early-warning, Statistics, Management, One-click service, Traceability
Client Environment	
Lowest browser version	IE 11、Chrome 65、Safari 11、Firefox 60
Lowest mobile terminal version	Android 5.0、iOS 10.0
Languages	Chinese, English, German, Italian, Spanish
Browser resolution	1366×768、1920×1080（recommended）
Mobile device resolution	1920×1080、2001×1125、1280×720（recommended）
System parameters	
Data retention	>25 years
Reliability	99.99%
Storage specifications	>100 PB
Acquisition environment	
Devices	4G datalogger, Wifi datalogger, Smart Box etc.
Interval	< 5 min
Methods	4G, Wifi
Intelligent devices	
Device type	Inverter, ESS, Datalogger, Smart Box, Heat Pumps, Charging Stations, Electricity meter etc.
Max. access capacity	> 100 GW

Datalogger

SL-CR001 / SL-CR002
SL-CR006 / SL-CR007
SL-CR011 / SL-CR012

SL-CR001 / SL-CR002
SL-CR006 / SL-CR007

SL-CR011 / SL-CR012

Product Feature

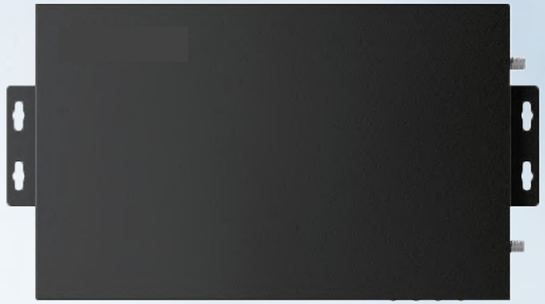
- **Simple & Easy**
  Plug & Play, Easy installation;
- **Cost Optimization**
  Device communication within LAN;
  Support connection to multiple inverters to reduce monitoring costs;
- **Efficient Operation**
  One-click connection to Smart M, App or Website control,
  Suppot remote firmware update and data settings;
- **High Reliability**
  WiFi: WiFi module design; Easy access to Network;
  LAN: AN+WiFi network; Support data breakpoint continuation for better adaptability；

Model	SL-CR001	SL-CR002	SL-CR006	SL-CR007	SL-CR011	SL-CR012
Parameter						
Port	USB					
DC power supply	DC5V					
Power Consumption	≤2W		≤0.5W			
Communication with Inverter	USB	RS485	USB	RS485	USB	RS485
Communication with the Cloud Platform	4G		WiFi: 2.4 GHz , 802.11 b/g/n		LAN：TCP (Modbus TCP protocol) WiFi: 2.4 GHz , 802.11 b/g/n	
Installation	Plug & Play					
Indicator Light	LED Indicator					
Dimension(W x H x D)	117 x 46 x 31 mm				153 x 46 x 31 mm	
Weight	60 g					
Protection Rating	IP65					
Environment						
Operating Temperature	-30 ~ 65 °C					
Humidity	5%-95% RH					
Storage Temperatures	-40 ~ 70 °C					
Highest Operating Altitude	4000 m					
Certification						
Accreditation Standards	/		CE-RED			

Model	SL-CR001	SL-CR006	SL-CR011	SL-CR002	SL-CR007	SL-CR012
Communication with Inverter	USB			RS485		
Residential Energy Storage System	/			Single Phase Low Voltage Hybrid Inverter SL3.6-6KLV Single Phase High Voltage Hybrid Inverter SL3-10KLH Three Phase High Voltage Hybrid Inverter SL5-12KRH		
C&I Energy Storage System	/			C&I Hybrid Inverter SL29.9-50KRH		
Residential On-Grid Inverter	SL3-15KRG / SL17-25KRG			/		
Residential / C&I On-Grid Inverter	SL30-50KRG			/		
C&I Solar Inverter	/			SL100-110KRG / SL150KRG		
Utility String Inverter	/			SL320-350KRM		

Datalogger NEW

SL-CC100



Datalogger is a device used in PV power plants for data acquisition, power control, and protocol conversion of PV equipment such as inverters.
This device also integrates communication gateway and power plant operation and maintenance functions.

Flexible Connection

- Support 4G, WLAN, LAN communication;
- Support access to RS485, meter, digital thermometer, CAN and other third party equipment;
- Support up to 100 devices to connect;

Assist Maintenance

- Support batch setting for inverter parameter and firmware updates;
- Support plant maintenance by remote Web access, optimized OPEX;
- Active and reactive power control;
- Support local monitoring;

Reliable Performance

- Storage temperature: -40~70°C;
- Degree of protection: IP20;

Easy Operation

- Monitor and configure with built-in Web server, by PC or smartphone browser, no APP required;

Model	SL-CC100
Basic Parameters	
Power Adapter	Input 100V~240VAC,50/60Hz
DC Power Supply	DC9 ~ 24V
Power Consumption	Typical 10W (Maximum 18W)
Dimensions (W x H x D)	242 x 147 x 31mm
Weights	1kg
Protection Rating	IP20
Installation Method	Wall-Mounted, Rail-Mounted
Communications	
No. of Access Devices	100
Local WEB	Yes
Cloud Platform Communication	4G
	WiFi: 2.4 GHz, 802.11 b/g/n
	LAN: 10/100Mbps Adaptive. Maximum Communication Distance 100m (Direct Connection)
Communication with the Inverter	RS485 x 5, Max. communication distance 1000m (Using shielded twisted pair cable)
Communication with Third-Party Devices	RS485 x 2, to connect to meters, environmental monitors, etc.
	CAN x 2: Function reservation
DI/DO/AI	DI x 5: dry node, max. voltage 24V
	DO x 2: output same as input voltage, current limit 500mA
	AI x 4: 4mA ~ 20mA or 0V ~ 10V, configurable as DI
DRM	Completes the DRM function with DI1 to DI4.
Stockpile	TF card x 1: function reserved
	USB Host(Type-A) x 1: function reserved
Human-computer	LED x 3: Operation status, 4G networking status, WiFi networking status
	Button x 1: Reset
Environmental Parameters	
Operating Temperature	-30 ~ 60°C
Storage Temperature	-40 ~ 70°C
Relative Humidity	5% to 95% (no condensation)
Highest Elevation	4000m
Accreditation Standards	
CE-EMC	EN 55011; EN 55032:2015; EN 61000-3-2:2014 EN 61000-3-3:2013; EN55035:2017
RoHS	IEC 62321-3-1:2013; IEC 62321-5:2013; IEC 62321-4:2013; IEC 62321-7-1:2015; IEC 62321-7-2:2017; IEC 62321-6:2015; IEC 62321-8:2017

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