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Sigenergy focuses on developing cutting-edge home and business energy solutions, with products ranging from energy storage systems to solar inverters and EV chargers. Our world-class R&D team of hundreds of top industry experts shares the vision of making the world greener via continuous innovation. With global sales and services, we aim to become our customers' most trusted partner on their journey to a more sustainable future.

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Version: 20260420

SIGENERGY

SIGENERGY

Business Energy Solution

Powering the future of business



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ABOUT SIGENERGY

Sigenergy focuses on developing cutting-edge home and business energy solutions, with products ranging from energy storage systems to solar inverters and EV chargers. Our world-class R&D team of hundreds of top industry experts shares the vision of making the world greener via continuous innovation. With global sales and services, we aim to become our customers' most trusted partner on their journey to a more sustainable future.

VISION

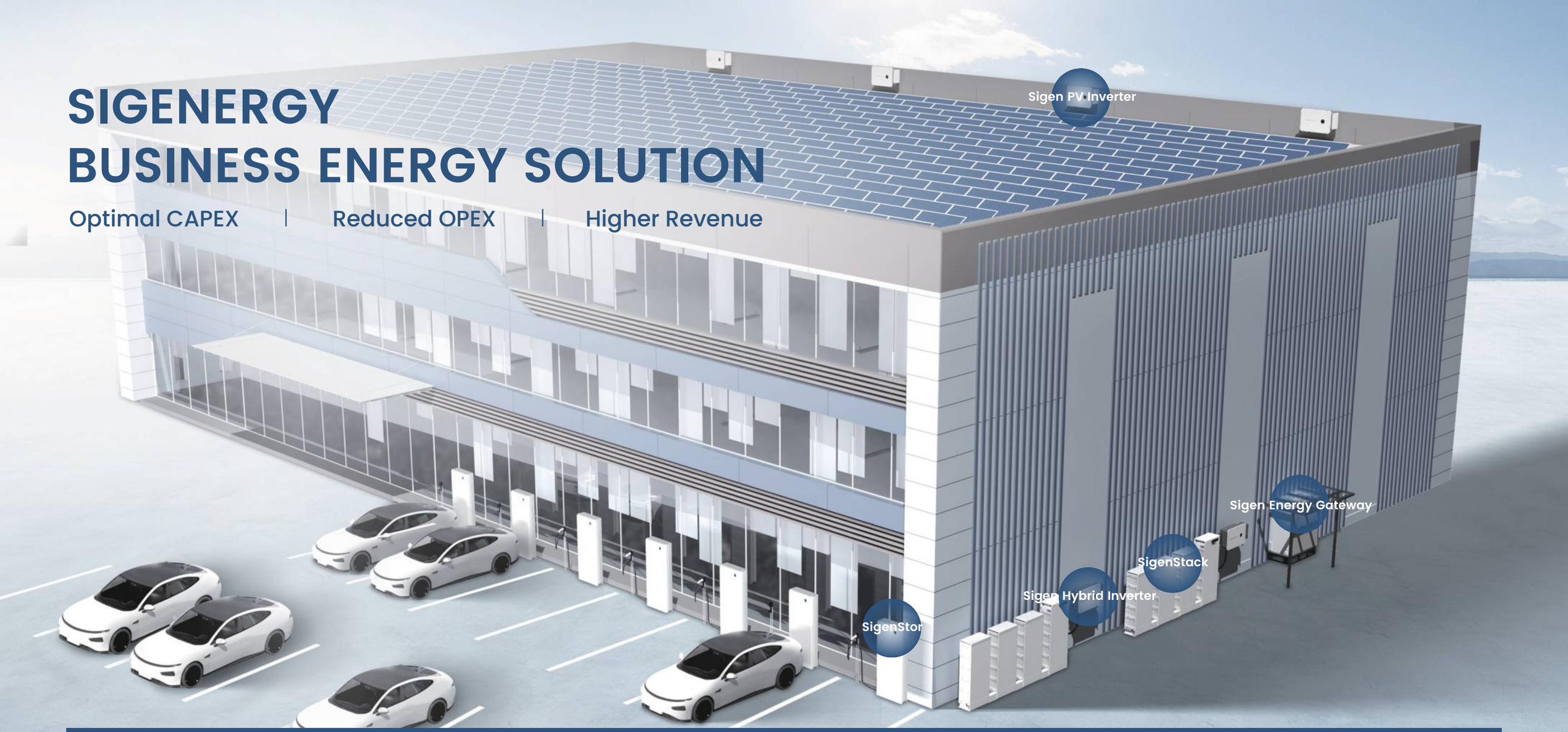
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MISSION

Leading AI-powered PV and energy storage innovation.
Build intelligent energy solutions with superior safety,
ultra simplicity, and outstanding performance.

SIGENERGY
BUSINESS ENERGY SOLUTION

Optimal CAPEX | Reduced OPEX | Higher Revenue





SigenStack



Sigen Hybrid Inverter



SigenStor



Sigen Energy Gateway

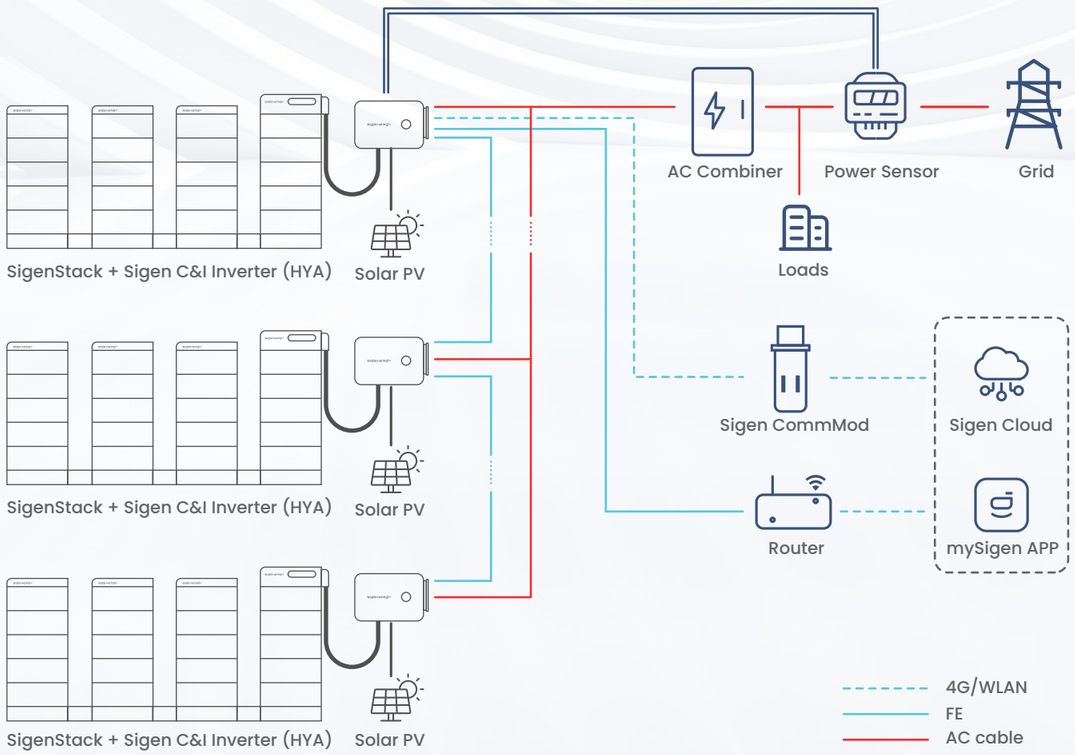


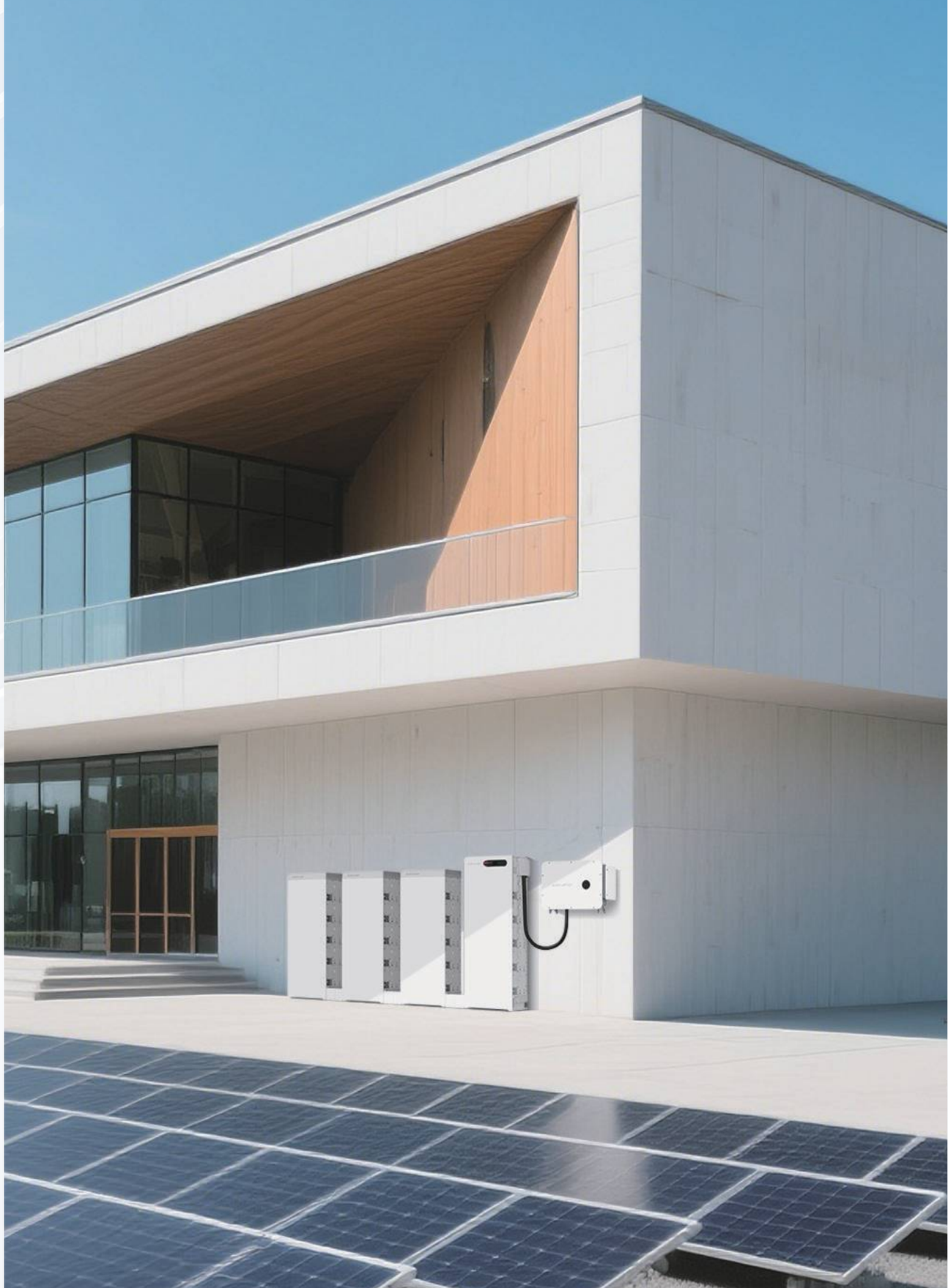
Sigen Cloud & mySigen App

On-grid PV+ESS System

In scenarios with a stable grid power supply, the system intelligently optimises energy utilisation to maximise solar self-consumption and user benefits. When solar generation is abundant, excess energy is stored in the battery. When solar power becomes insufficient, the system seamlessly discharges the battery to power the loads, ensuring efficient energy management and enhanced economic returns.

Equipped with an integrated Energy Management System (EMS), Sigenergy solution supports multiple inverters operating in parallel without the need for an external data logger, enabling a simplified system architecture. Featuring a “Battery Ready” inverter, Sigenergy solution adopts a true DC-coupled architecture, maximizing energy conversion efficiency while significantly optimizing CAPEX (capital expenditures), slashing O&M cost, and enhancing system efficiency.

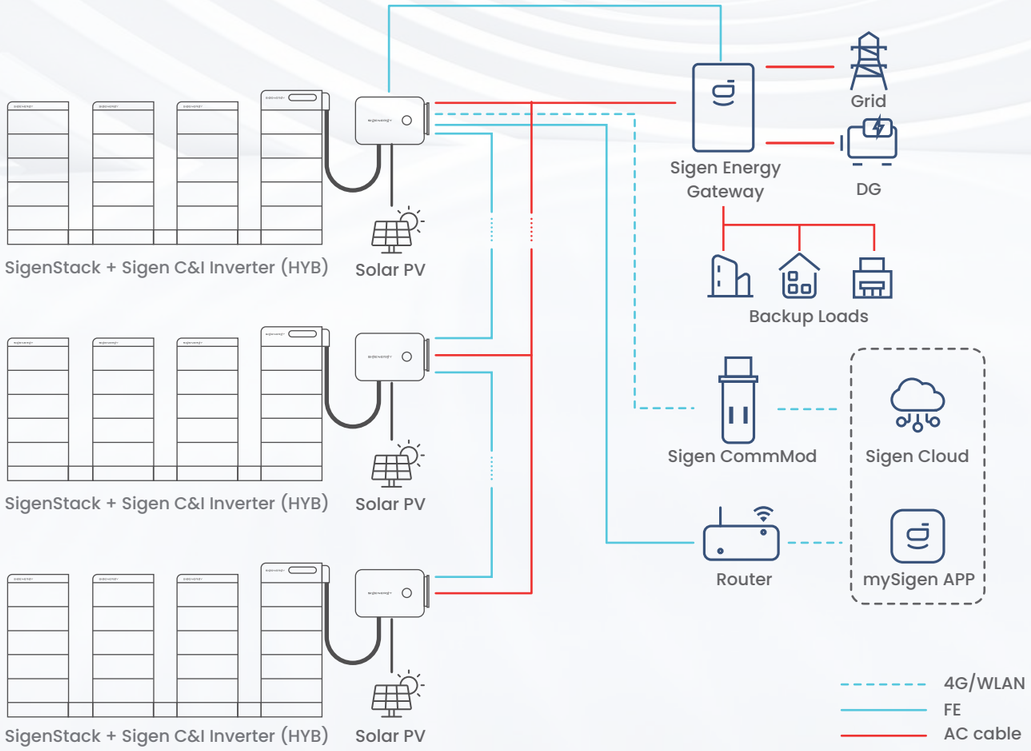




Micro-grid PV+ESS System

In microgrid scenarios, the system operates independently to ensure a continuous and reliable power supply. When solar energy is abundant, it powers the loads and charges the battery. When there is a power outages on the grid at night, the battery discharges to supply the loads. If both solar and battery energy are unavailable, a diesel generator automatically starts to maintain uninterrupted power. This seamless coordination among solar, battery, grid, and diesel generator guarantees stable and resilient energy for microgrid applications.

Multi-unit parallel connection through a gateway enables flexible system scaling from kilowatts to megawatts, supporting a wider range of microgrid sizes. Sigenergy DC-coupled microgrid solution streamlines system design, improves energy conversion efficiency, and delivers a robust, cost-effective, and reliable power solution for your business.





Sigen PV Inverter

50.0 / 99.9 / 110.0 / 125.0 kW



- Fully networked communication, enabling rapid commissioning
- Built-in EMS, supports 100 units in parallel without data logger
- Industry-leading 500m AFCI, top-tier safety across applications
- IP66 protection rating, ensuring worry-free outdoor deployment

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Sigen PV Inverter 50.0 / 99.9 / 110.0 / 125.0 kW Australia

Sigen PV	50M1-AU	99.9M1-AU	110M1-AU	125M1-AU	Units
DC Input					
Max. PV input power	100,000	199,800	220,000	220,000	Wp
Max. DC input voltage [1]	1,100				V
Nominal DC input voltage	600				V
Start-up voltage	180				V
MPPT voltage range	160 ~ 1,000				V
Number of MPP. trackers	4	8	8	8	
Number of PV strings per MPPT	2				
Max. input current per MPPT	40				A
Max. short-circuit current per MPPT	60				A
AC Output					
Nominal output active power	50,000	99,900	110,000	125,000	W
Max. output apparent power	50,000	99,900	110,000	125,000	VA
Max. output active power (cosΦ=1)	50,000	99,900	110,000	125,000	W
Nominal output current	72.5	144.8	159.4	181.2	A
Max. output current	72.5	144.8	159.4	181.2	A
Nominal output voltage	400, 3W+(N)+PE				Vac
Nominal grid frequency	50 / 60				Hz
Power factor	0.8 leading ~ 0.8 lagging				
Total current harmonic distortion	THDi < 3%	THDi < 2%	THDi < 2%	THDi < 2%	
Efficiency					
Max. efficiency	98.6%				
European efficiency	98.3%	98.4%	98.4%	98.3%	
Protection					
Safety protection feature	DC reverse polarity protection, Insulation monitoring, Residual current monitoring, Arc fault circuit interrupter, AC overcurrent/overvoltage/short-circuit protection, Type II DC surge protection, Type II AC surge protection, Anti-islanding protection				
General Data					
Dimensions (W / H / D)	918 / 640 / 340				mm
Weight	69	72	72	83	kg
Nighttime power consumption	< 3.5				W
Storage temperature range	-40 ~ 70				°C
Operating temperature range	-30 ~ 60				°C
Relative humidity range	0% ~ 100%				
Max. operating altitude	5,000 (Derating at 4,000m)				m
PV connection type	H4 Pro (Max. 6 mm²)				
AC connection type	OT / DT terminal (Max. 240 mm²)				
Cooling	Smart air cooling				
Ingress protection rating	IP66				
Communication	WLAN / Fast Ethernet / RS485 / Sigen CommMod (4G/3G/2G)				
Standard Compliance					
Standard [2]	IEC 62109-1:2010, IEC 62109-2:2011, IEC / EN 61000-6-1, IEC / EN 61000-6-2, AS/NZS 4777.2:2020+A1:2024				

1. The inverter will initiate protection if the input voltage exceeds the MPPT operating voltage range.
2. For all standards refer to the certificates category on the Sigenergy website.

Sigen Hybrid Inverter

50.0 / 99.9 / 110.0 / 125.0 kW



- Battery ready, easy upgrades to a PV + BESS at any time
- Smaller and lighter, easier installation and transportation
- Built-in EMS, supports 100 units in parallel without data logger
- Industry-leading 500m AFCI, top-tier safety across applications
- Fully networked communication, enabling rapid commissioning
- IP66 protection rating, ensuring worry-free outdoor deployment

Enjoy Green Energy

Sigen Hybrid Inverter 50.0 / 99.9 / 110.0 / 125.0 kW Australia

Sigen PV	50M1-HYA-AU	99.9M1-HYA-AU	110M1-HYA-AU	125M1-HYA-AU	Units
DC Input (PV)					
Max. PV input power	100,000	199,800	220,000	220,000	Wp
Max. DC input voltage [1]	1,100				V
Nominal DC input voltage	600 @400 Vac, 720 @480 Vac				V
Start-up voltage	180				V
MPPT voltage range	160 ~ 1,000				V
Number of MPP. trackers	4	8	8	8	
Number of PV strings per MPPT	2				
Max. input current per MPPT	40				A
Max. short-circuit current per MPPT	60				A
DC Input (Battery)					
Battery module models	SigenStack BAT 12.0				
System configuration quantity range [2]	4 ~ 21				pcs
Max. charge power [3]	50,000	99,900	110,000	125,000	W
Max. discharge power	50,000	99,900	110,000	125,000	W
Max. operating current	180				A
AC Output					
Nominal output active power	50,000	99,900	110,000	125,000	W
Max. output apparent power	50,000	99,900	110,000	125,000	VA
Max. output active power (cosΦ=1)	50,000	99,900	110,000	125,000	W
Nominal output current @400Vac	72.5	144.8	159.4	181.2	A
Nominal output current @480Vac	60.2	120.2	132.4	150.4	A
Max. output current @400Vac	72.5	144.8	159.4	181.2	A
Max. output current @480Vac	60.2	120.2	132.4	150.4	A
Nominal output voltage	400/480, 3W+(N)+PE				Vac
Nominal grid frequency	50 / 60				Hz
Power factor	0.8 leading ~ 0.8 lagging				
Total current harmonic distortion	THDi < 3%	THDi < 2%	THDi < 2%	THDi < 2%	
Efficiency					
Max. efficiency @400Vac	98.6%				
European efficiency @400Vac	98.3%	98.4%	98.4%	98.3%	
Max. efficiency @480Vac	98.8%				
European efficiency @480Vac	98.4%	98.6%	98.6%	98.4%	
Protection					
Safety protection feature	DC reverse polarity protection, Insulation monitoring, Residual current monitoring, Arc fault circuit interrupter, AC overcurrent/overvoltage/short-circuit protection. Type II DC surge protection, Type II AC surge protection, Anti-islanding protection				
General Data					
Dimensions (W / H / D)	918 / 640 / 340			999 / 668 / 340	mm
Weight	72	78	78	95	kg
Nighttime power consumption	<3.5			<4	W
Storage temperature range	-40 ~ 70				°C
Operating temperature range	-30 ~ 60				°C
Relative humidity range	0% ~ 100%				
Max. operating altitude	5,000 (Derating at 4,000m)				m
PV connection type	H4 Pro (Max. 6 mm²)				
AC connection type	OT / DT terminal (Max. 240 mm²)				
Cooling	Smart air cooling				
Ingress protection rating	IP66				
Communication	WLAN / Fast Ethernet / RS485 / Sigen CommMod (4G/3G/2G)				
Standard Compliance					
Standard [4]	IEC 62109-1:2010, IEC 62109-2:2011, IEC / EN 61000-6-1, IEC / EN 61000-6-2, AS/NZS 4777.2:2020+A1:2024				

1. The inverter will initiate protection if the input voltage exceeds the MPPT operating voltage range.
2. The requirements for the PV string open-circuit voltage in a PV+ESS DC coupling system are as follows: 1) When the system is configured with ≥19 battery modules, the string open-circuit voltage should meet the following minimum requirements: 1.1) If configured with 21 battery modules, the string open-circuit voltage should be > 935 V; 1.2) If configured with 20 battery modules, the string open-circuit voltage should be > 870 V; 1.3) If configured with 19 battery modules, the string open-circuit voltage should be > 805 V. 2) When the system is configured with 4 to 18 battery modules, the string open-circuit voltage has no special requirements.
3. This represents the combined input from PV DC and rectified AC sources, while actual power depends on site configuration and operating condition.
4. For all standards refer to the certificates category on the Sigenergy website.

Sigen Hybrid Inverter

50.0 / 99.9 / 110.0 / 125.0 kW



- Seamless switchover, ensuring 0ms load-side disruption operation
- 150% overload for 10s, handling impact loads for smooth device startup
- Minimal size & weight in the same power range, ensures simple installation
- Multi-unit connection via Energy Gateway, flexible expansion from kW to MW
- DC coupling micro-grid solution, simplifies configuration & boosts efficiency

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Sigen Hybrid Inverter 50.0 / 99.9 / 110.0 / 125.0 kW for Australia *Preliminary*

Sigen PV	50M1-HYB-AU	99.9M1-HYB-AU	110M1-HYB-AU	125M1-HYB-AU	Units
DC Input (PV)					
Max. PV input power	100,000	199,800	220,000	220,000	Wp
Max. DC input voltage [1]	1,100				V
Nominal DC input voltage	600 @400 Vac, 720 @480 Vac				V
Start-up voltage	180				V
MPPT voltage range	160 ~ 1,000				V
Number of MPP. trackers	4	8	8	8	
Number of PV strings per MPPT	2				
Max. input current per MPPT	40				A
Max. short-circuit current per MPPT	60				A
DC Input (Battery)					
Battery module models	SigenStack BAT 12.0				
Battery controller models	SigenStack BC M2-0.5C-BST / SigenStack BC M2-1C-BST				
System configuration quantity range [2]	4 ~ 21				pcs
Max. charge power [3]	50,000	99,900	110,000	125,000	W
Max. discharge power	50,000	99,900	110,000	125,000	W
Max. operating current	180				A
AC Output					
Nominal output active power	50,000	99,900	110,000	125,000	W
Max. output apparent power	50,000	99,900	110,000	125,000	VA
Max. output active power (cosΦ=1)	50,000	99,900	110,000	125,000	W
Nominal output current @400Vac	72.5	144.8	159.4	181.2	A
Nominal output current @480Vac	60.2	120.2	132.4	150.4	A
Max. output current @400Vac	72.5	144.8	159.4	181.2	A
Max. output current @480Vac	60.2	120.2	132.4	150.4	A
Nominal output voltage	400/480, 3W+N+PE				Vac
Nominal grid frequency	50 / 60				Hz
Power factor	0.8 leading ~ 0.8 lagging				
Total current harmonic distortion	THDi < 3%				
AC Input (On-grid)					
Max. input apparent power	100,000	160,000	160,000	160,000	W
Max. input current @400Vac	144.9	231.9	231.9	231.9	A
Max. input current @480Vac	120.3	192.5	192.5	192.5	A
Max. continuous AC passthrough (grid to load)	72.5	144.8	159.4	181.2	A
AC Output (Backup)					
Nominal output active power	50,000	99,900	110,000	125,000	W
Max. output apparent power	50,000	99,900	110,000	125,000	VA
Max. output active power (10 seconds)	75,000	149,850	150,000	150,000	W
Nominal output voltage	400/480, 3W+(N)+PE				Vac
Nominal grid frequency	50 / 60				Hz
Power factor	0.8 leading ~ 0.8 lagging				
Total voltage harmonic distortion	THDv < 3%				
Disruption time of backup switch [4]	0				ms
Efficiency					
Max. efficiency @400Vac	98.5%				
European efficiency @400Vac	98.2%	98.3%	98.3%	98.2%	
Max. efficiency @480Vac	98.7%				
European efficiency @480Vac	98.4%	98.5%	98.5%	98.4%	
Protection					
Safety protection feature	DC reverse polarity protection, Insulation monitoring, Residual current monitoring, Arc fault circuit interrupter, AC overcurrent/overvoltage/short-circuit protection. Type II DC/AC surge protection, Anti-islanding protection				
General Data					
Dimensions (W / H / D)	1097 / 668 / 340				mm
Weight	102	108	108	108	kg
Storage temperature range	-40 ~ 70				℃
Operating temperature range	-30 ~ 60				℃
Relative humidity range	0% ~ 100%				
Max. operating altitude	5,000 (Derating at 4,000m)				m
Cooling	Smart air cooling				
Ingress protection rating	IP66				
Communication	WLAN / Fast Ethernet / RS485 / Sigen CommMod (4G/3G/2G)				
Standard Compliance					
Standard [5]	IEC / EN 62109-1, IEC / EN 62109-2, IEC / EN 61000-6-1, IEC / EN 61000-6-2, AS/NZS 4777.2				

1. The inverter will initiate protection if the input voltage exceeds the MPPT operating voltage range.
2. The requirements for the PV string open-circuit voltage in a PV+ESS DC coupling system are as follows: 1) When the system is configured with ≥19 battery modules, the string open-circuit voltage should meet the following minimum requirements: 1.1) If configured with 21 battery modules, the string open-circuit voltage should be > 935 V; 1.2) If configured with 20 battery modules, the string open-circuit voltage should be > 870 V; 1.3) If configured with 19 battery modules, the string open-circuit voltage should be > 805 V. 2) When the system is configured with 4 to 18 battery modules, the string open-circuit voltage has no special requirements.
3. This represents the combined input from PV DC and rectified AC sources, while actual power depends on site configuration and operating condition.
4. This refers to the load-side disruption time. Test conditions: In the open-circuit state of the power grid, the total power of the Sigen Hybrid Inverter is higher than the total power of the loads.
5. For all standards refer to the certificates category on the Sigenergy website.
6. For Sigen energy gateway connections, the inverter should be connected to the gateway via its AC output port (Grid).
7. The information in this document reflects the current state of technology and is subject to change without notice. For the latest updates, please refer to the Sigenergy website.

SigenStack

Innovative modular energy storage system



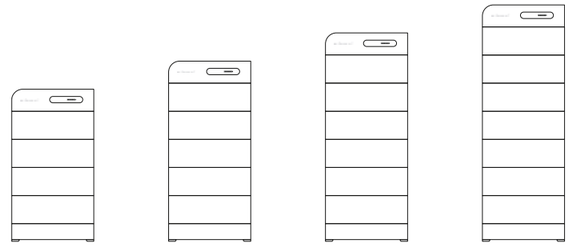
- Pack-level safety protection, precise thermal runaway control
- Higher energy density saves space and eases site selection
- IP66-rated design eliminates regular and complex O&M
- Pack-level active balancing, no need for on-site SOC calibration
- Modular design, stackable installation & ultra-fast commissioning

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C&I Energy Storage System

SigenStack BC	M2-0.5C [1]	M2-0.5C-BST	M2-1C-BST	Units
Max. output current (to inverter)		180		A
Max. input current (from inverter)		180		A
Operating voltage range		550 ~ 1,100		V
Nonimal charge/discharge current of battery	157	157	314	A
Weight	50	60	60	kg
Dimensions (W / H / D)		770 / 248 / 363		mm
Communication		CAN		
Compatible inverter		Sigen C&I Hybrid Inverter Series		

	SigenStack BAT 12.0	Units
Performance Specification		
Battery type	LiFePO4	
Cell capacity	314	Ah
Cycle life [2]	10,000	
Total energy capacity per module	12.06	kWh
Weight	105	kg
Dimensions (W / H / D)	770 / 300 / 363	mm
Nominal charge / discharge rate	0.5C	
Max. charge / discharge rate	1C	
System configuration quantity range	4 ~ 21	pcs
Max. system energy capacity	253	kWh
System General Data		
Max. number of modules per stack	7	pcs
Max. number of modules per system	21	pcs
Fire suppression system	Aerosol, smoke sensor and exhausting system	
Dimensions of base (W / H / D)	770 / 195 / 363	mm
Storage temperature range	-25 ~ 60	°C
Operating temperature range	-20 ~ 55	°C
Relative humidity range	0% ~ 100%	
Max. operating altitude	4,000 (Derating at 2,000m)	m
Cooling	Smart air cooling	
System ingress protection rating	IP66	
Installation method	Floor standing	
Noise [3]	< 65	dB
Standard Compliance		
Standard [4]	IEC/EN 60730-1, UN 38.3, IEC/EN 62619, IEC/EN 63056, IEC/EN 62040, UL9540A	



Number of battery modules	4	5	6	7	pcs
Total energy capacity	48.24	60.3	72.36	84.42	kWh
Total weight	500	605	710	815	kg
Total height (with base and SigenStack BC)	1,643	1,943	2,243	2,543	mm
Total width	770				mm
Total depth	363				mm

1. SigenStack BC M2-0.5C can only be used in applications where an on-grid energy storage system with ≥ 20 battery modules operates under 380/400V grid voltage. and no PV connected to the inverters. For other scenarios, please utilize the battery controller with 'BST' model.
2. This is provided by the battery cell manufacturer. Based on cell test condition of 25±2°C, 0.5C charge and discharge rate and SOH=60%.
3. Noise level is tested based on the rated operating conditions (25 °C ambient temperature, 0.5CP charge/discharge rate, 400Vac output voltage).
4. For all standards refer to the certificates category on the Sigenergy website.
5. This document reflects current technology and is subject to change without notice. Refer to the Sigenergy website for the latest information.

Sigen Energy Controller

5.0 - 30.0 kW Three Phase



- EMS-integrated intelligent management for precision control
- Max. 1.6 DC/AC ratio compatibility, higher energy utilization
- Unbalanced 3-phase power output, ensuring efficient operation
- 200% peak output power in off-grid mode, instant high-power boost
- Up to 4 MPP trackers for maximum solar energy extraction

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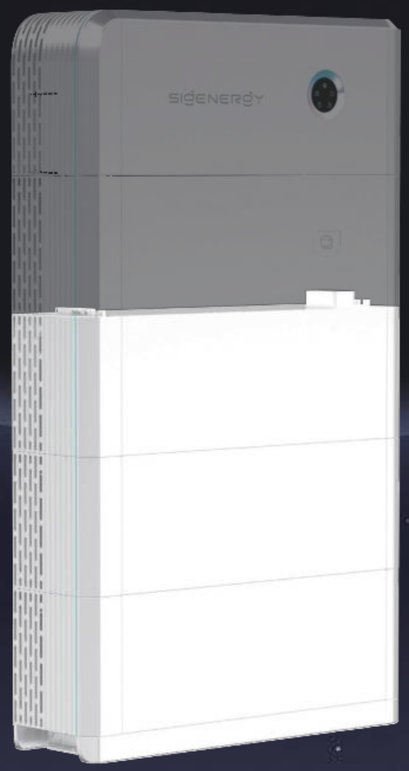
Sigen Energy Controller 5.0-30.0 kW Three Phase Australia

SigenStor EC	5.0 TP	10.0 TP	15.0 TP	20.0 TP	25.0 TP	30.0 TP	Units
DC Input (from PV)							
Max. PV power	8000	16000	24000	32000	40000	48000	W
Max. DC input voltage [1]	1100						V
Nominal DC input voltage	600						V
Start-up voltage	180						V
MPPT voltage range	160 ~ 1000						V
Number of MPP. trackers	2	3	3	4	4	4	
Number of PV strings per MPPT	1						
Max. input current per MPPT	16						A
Max. short-circuit current per MPPT	20						A
AC Output (on-grid)							
Nominal output power	5000	9999	15000	20000	25000	29999	W
Max. output apparent power	5000	9999	15000	22000	27500	29999	VA
Nominal output current	7.2	14.4	21.7	30.4	38.0	43.4	A
Max. output current	7.2	14.4	21.7	33.4	41.8	43.4	A
Nominal output voltage	380 / 400						V
Nominal grid frequency	50 / 60						Hz
Power factor	0.8 leading ~ 0.8 lagging						
Total current harmonic distortion	THDi < 2%						
Efficiency							
Max. efficiency	98.1%	98.3%	98.3%	98.3%	98.3%	98.4%	
European efficiency	96.1%	97.5%	97.9%	97.9%	98.0%	98.0%	
AC Output (backup)							
Nominal output power	5000	10000	15000	20000	25000	30000	W
Max. output apparent power	5500	11000	16500	22000	27500	33000	W
Peak output power (10 seconds) [2]	2 times of nominal output power						
Nominal output current	7.6	15.2	22.8	30.4	38.0	45.6	A
Max. output current	8.4	16.7	25.1	33.4	41.8	50.1	A
Nominal output voltage	380 / 400						V
Nominal output frequency	50 / 60						Hz
Power factor	0.8 leading ~ 0.8 lagging						
Total voltage harmonic distortion	THDv < 2%						
Disruption time of backup switch [3]	0						ms
Battery Connection							
Battery module models	SigenStor BAT 5.0 / 8.0						
Number of modules per controller	1 ~ 6						pcs
Battery module voltage range	600 ~ 900						V
Protection							
Safety protection feature	DC reverse polarity protection, Insulation monitoring, Residual current monitoring, Arc fault circuit interrupter[4], AC overcurrent/overvoltage/short-circuit protection. Type II DC/AC surge protection, Anti-islanding protection						
General Data							
Dimensions (W / H / D)	700 / 300 / 260						mm
Weight	36	36	36	36	36	38	kg
Storage temperature range	-40 ~ 70						°C
Operating temperature range	-30 ~ 60						°C
Relative humidity range	0% ~ 100%						
Max. operating altitude	4000						m
Cooling	Smart air cooling						
System ingress protection rating	IP66						
Communication	WLAN / Fast Ethernet / RS485 / Sigen CommMod (4G/3G/2G)						
Standard Compliance							
Standard [5]	IEC 62109-1:2010, IEC 62109-2:2011, IEC/EN 62477, IEC/EN 61000-6-1, IEC/EN 61000-6-2, AS/NZS 4777.2:2020+A1:2024						

1. The inverter will initiate protection if the input voltage exceeds the MPPT operating voltage range.
2. Actual load starting performance depends on the load type and its characteristics; practical results may vary.
3. This refers to the load-side disruption time, to achieve this functionality Sigen Energy Gateway needs to be used together with Sigen Energy Controller and Sigen Battery. Test conditions: In the open-circuit state of the power grid, the nominal power of the Sigen Energy Controller is higher than the total power of the home loads.
4. This is an optional feature only supported in certain models, please contact Sigenergy for more information.
5. For all standards refer to the certificates category in the Sigenergy website.

Sigen Battery

5.0 / 8.0



- Premium 280Ah cells with 10,000 cycles, long-lasting & reliable
- 5-layer battery safety protection to define the safety standard
- Battery optimizer inside, mix old and new, upgrade with ease
- Higher energy density, efficient storage, compact design
- 100% depth of discharge, maximum energy utilization

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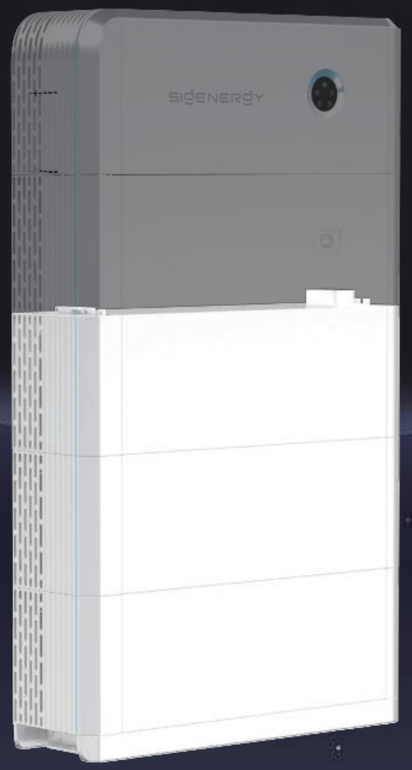
Sigen Battery 5.0 / 8.0

SigenStor BAT	5.0	8.0	Units
Performance Specification			
Battery type	LiFePO4		
Cell capacity	280		Ah
Cycle life [1]	10000		
Total energy capacity	5.38	8.06	kWh
Usable energy capacity [2]	5.2	7.8	kWh
Depth of discharge [3]	100%		
Max. charge / discharge power	2500	4000	W
Max. charge / discharge current	7.5	12.0	A
Peak charge / discharge power (10 seconds)	3750	6000	W
General Data			
Weight	55	70	kg
Dimensions (W / H / D)	767 / 270 / 260		mm
Storage temperature range	-25 ~ 60		℃
Operating temperature range	-20 ~ 55		℃
Relative humidity range	5% ~ 95%		
Max. operating altitude	4000		m
Cooling	Natural convection		
System ingress protection rating	IP66		
Installation method	Floor standing / Wall-mounted		
Number of modules per controller	1 ~ 6		pcs
Compatible inverters	SigenStor EC series		
Standard Compliance			
Standard [4]	IEC/EN 60730-1, UN 38.3, IEC/EN 62619, IEC/EN 63056, IEC/EN 62040		

1. This is provided by the battery cell manufacturer. Based on cell test condition of 25±2℃, 0.5C charge and discharge rate and SOH=60%.
2. Test conditions: 100% depth of discharge, 0.2C rate charge & discharge averagely at 25℃, at the beginning of life.
3. Refers to usable capactiy. Battery must be recharged within 7 days after being fully discharged to keep battery healthy.
4. For all standards refer to the certificates category on the Sigenergy website.

Sigen Battery

6.0 / 10.0



- Premium 314Ah cells with 10,000 cycles, long-lasting & reliable
- 5-layer battery safety protection to define the safety standard
- Battery optimizer inside, mix old and new, upgrade with ease
- Higher energy density, efficient storage, compact design
- 100% depth of discharge, maximum energy utilization

Enjoy Green Energy

Sigen Battery 6.0 / 10.0

SigenStor BAT	6.0	10.0	Units
Performance Specification			
Battery type	LiFePO4		
Cell capacity	314		Ah
Cycle life [1]	10000		
Total energy capacity	6.02	9.04	kWh
Usable energy capacity [2]	5.84	8.76	kWh
Depth of discharge [3]	100%		
Max. charge / discharge power	3000	4600	W
Max. charge / discharge current	9.0	13.8	A
Peak charge / discharge power (10 seconds)	4500	6900	W
General Data			
Weight	62	78	kg
Dimensions (W / H / D)	767 / 270 / 265		mm
Storage temperature range	-25 ~ 60		°C
Operating temperature range	-20 ~ 55		°C
Relative humidity range	5% ~ 95%		
Max. operating altitude	4000		m
Cooling	Natural convection		
System ingress protection rating	IP66		
Installation method	Floor standing / Wall-mounted		
Number of modules per controller	1 ~ 6		pcs
Compatible inverters	SigenStor EC series		
Standard Compliance			
Standard [4]	IEC/EN 60730-1, UN 38.3, IEC/EN 62619, IEC/EN 63056, IEC/EN 62040		

1. This is provided by the battery cell manufacturer. Based on cell test condition of 25±2°C, 0.5C charge and discharge rate and SOH=60%.
2. Test conditions: 100% depth of discharge, 0.2C rate charge & discharge averagely at 25°C, at the beginning of life.
3. Refers to the usable energy capacity.. Battery must be recharged within 7 days after being fully discharged to keep battery healthy.
4. For all standards refer to the certificates category on the Sigenergy website.

Sigen EV DC Charging Module



Experience Fast DC charging

- World's first V2X-integrated all-in-one home energy system
- 25kW bi-directional charging, rapid replenishment for EVs
- 150V-1000V charging voltage, universal EV compatibility
- IP66 protection rating, maintenance-free, always reliable
- Support 100% green charging, drive with sun power

Enjoy Green Energy

Sigen EV DC Charging Module

SigenStor EVDC [1]	12	25	Units
DC Charging			
Max. charging power of charging port	12.5	25	kW
Max. discharging power of charging port	12.5	25	kW
Operation voltage range	150 ~ 1,000		V
Max. operation current	40	80	A
Charging interfaces	CCS2		
Protection			
Short-circuit protection	Supported		
Over / Under voltage protection	Supported		
Overload protection	Supported		
Over temperature protection	Supported		
Reverse polarity protection	Supported		
Welded contactor check	Supported		
General Data			
Dimensions (W / H / D)	700 / 270 / 260		mm
Weight [2]	39 (with 7.5m cable) / 41 (with 10m cable)		kg
Storage temperature range	-40 ~ 70		°C
Operating temperature range	-30 ~ 60		°C
Relative humidity range	5% ~ 95%		
Max. operating altitude	4,000		m
Cooling	Smart air cooling		
System ingress protection rating	IP66		
Integrated charging cable length [3]	7.5 / 10		m
Function			
Authentication	RFID card / App / No authentication		
Smart Charging – Scheduled Charging	The system supports setting the charging start times		
Smart Charging – PV Surplus Charging	The system uses PV Surplus to charge EVs, enabling 100% green power. It also supports Battery Boost Charging with cut-off SOC setting, as well as Grid Charging. Moreover, it has the function of prioritizing Surplus PV power.		
Smart Charging – Fast Charging	The system draws power from the grid and PV simultaneously for the fastest charging speed and also supports additional Battery Boost Charging.		
Application	Bi-directional V2X operation [4], Smart load management		
User interfaces	LED indicator, App, RFID		
Remote function	OTA, Remote diagnosis		
OCPP protocol	OCPP 1.6J ED 2		
Standard Compliance			
Standard [5]	EN IEC 61851-1, EN 61851-23, EN IEC 61851-21-2, ETSI EN 303 645		

1. Sigen EV DC Charging Module needs to be used together with Sigen Energy Controller.
2. The net weight includes the CCS2 cable-assembly also, but excludes the exteriors, wall-mounting fixtures and the related attachments.
3. Integrated charging cable length refers to the length of the cable that extends from the Sigen EV DC Charging Module, not the length of the exposed cable.
4. V2X functionality is limited by the EV's capabilities. Once the relevant standards are published and tested, V2X feature can be upgraded through the OTA. For the official support of vehicle models and support timelines, please refer to future announcement made on the official website.
5. For all standards refer to the certificates category on the Sigenergy website.

Sigen Energy Gateway



- Multiple Sigen C&I inverters connections supported for micro-grid system
- Seamless switchover, ensuring 0ms load-side disruption
- Built-in bypass circuit for enhanced system reliability
- Supports diesel generator connection & smart control
- Real-time current monitoring with 100ms zero export

Enjoy Green Energy

Sigen Energy Gateway for Sigen C&I Inverter

Preliminary

Sigen Gateway	C600-B AU	C1200-B AU	Units
Grid Connection			
Grid connection type	Three phase		
Nominal AC voltage	380 ~ 400		V
Nominal AC current	912	1,824	A
Nominal AC power	600	1,200	kW
Nominal AC frequency	50 / 60		Hz
Disruption time of backup switch [1]	0		ms
AC Output to Backup Port			
Nominal AC voltage	380 ~ 400		V
Nominal AC current	912	1,824	A
Nominal AC power	600	1,200	kW
Nominal AC frequency	50 / 60		Hz
Overvoltage category	III		
Inverter Connection			
Number of connection ports	10	20	
Nominal AC voltage	380 ~ 400		V
Max. AC input current	200 (6 ports), 160 (4 ports)	200 (12 ports), 160 (8 ports)	A
Max. AC power	125 (6 ports), 80 (4 ports)	125 (12 ports), 80 (8 ports)	kW
Smart Port Connection			
Generator output voltage	380 ~ 400		V
Nominal AC current	912	1,824	A
Nominal AC power	600	1,200	kW
Generator 2-wire start	Supported		
General Data			
Dimensions (W / H / D)	1,800 / 2,300 / 1,270		mm
Weight	1,100	1,300	kg
Storage temperature range	-40 ~ 70		°C
Operating temperature range [2]	-30 ~ 55		°C
Relative humidity range	0% ~ 95%		
Max. operation altitude [2]	4,000		m
Cooling	Smart air cooling		
Ingress protection rating	IP20		
Communication	Fast Ethernet, RS485, dry contact		
Installation method	Ground-mounted		

1. This refers to the load-side disruption time, to achieve this functionality Sigen Energy Gateway needs to be used together with Sigen Hybrid Inverter and Sigen Battery. Test conditions: In the open-circuit state of the power grid, the total power of the Sigen Hybrid Inverter is higher than the total power of the backup loads.
2. Please consult Sigenergy for detailed power derating information.
3. Regarding the sales information of this product, please contact the Sigenergy sales team.

Sigen Energy Gateway

Modular design for flexible and precise deployment



- Multiple Sigen C&I inverters connections supported for micro-grid system
- Modular cabinet, effortless side-by-side installation
- Seamless switchover, ensuring 0ms load-side disruption
- Built-in bypass circuit for enhanced system reliability
- Supports diesel generator connection & smart control
- Real-time current monitoring with 100ms zero export

Enjoy Green Energy

Sigen Energy Gateway for Sigen C&I Inverter

Preliminary

Energy Gateway Grid Switch Cabinet [1]

Sigen Gateway	C1600-B-GS	C2000-B-GS	C2400-B-GS	Units
Grid connection type		Three phase		
Nominal AC voltage		380 ~ 400		V
Nominal AC current	2,432	3,039	3,647	A
Nominal AC power	1,600	2,000	2,400	kW
Nominal AC frequency		50 / 60		Hz
Disruption time of backup switch [2]		0		ms
Dimensions (W / H / D)		800 / 2,200 / 1,000		mm
Weight	600	660	680	kg

Energy Gateway Backup Load Cabinet

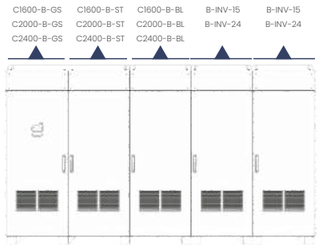
Sigen Gateway	C1600-B-BL	C2000-B-BL	C2400-B-BL	Units
Nominal AC voltage		380 ~ 400		V
Nominal AC current	2,432	3,039	3,647	A
Nominal AC power	1,600	2,000	2,400	kW
Nominal AC frequency		50 / 60		Hz
Overvoltage category		III		
Dimensions (W / H / D)		800 / 2,200 / 1,000		mm
Weight	600	660	680	kg

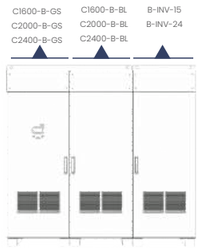
Energy Gateway Smart Load Cabinet (Optional)

Sigen Gateway	C1600-B-ST	C2000-B-ST	C2400-B-ST	Units
Generator output voltage		380 ~ 400		V
Nominal AC current	2,432	3,039	3,647	A
Nominal AC power	1,600	2,000	2,400	kW
Generator 2-wire start		Supported		
Dimensions (W / H / D)		800 / 2,200 / 1,000		mm
Weight	600	660	680	kg

Energy Gateway Inverter Cabinet

Sigen Gateway	B-INV-15 [3]	B-INV-24 [3]	Units
Number of connection ports	15	24	
Nominal AC voltage	380 ~ 400		V
Max. AC input current per connection	190	122	A
Max. AC input power per connection	125	80	kW
Dimensions (W / H / D)	800 / 2,200 / 1,000		mm
Weight	600	660	kg





System General Data

Storage temperature range	-40 ~ 70	°C
Operating temperature range [4]	-30 ~ 55	°C
Relative humidity range	0% ~ 95%	
Max. operation altitude [4]	4,000	m
Cooling	Smart air cooling	
Ingress protection rating	IP20	
Communication	Fast Ethernet, RS485, dry contact	
Installation method	Ground-mounted	

1. Grid switch cabinets (C1600-B-GS/C2000-B-GS/C2400-B-GS), backup load cabinets (C1600-B-BL/C2000-B-BL/C2400-B-BL) and smart load cabinets (C1600-B-ST/C2000-B-ST/C2400-B-ST) must be matched exclusively within their respective series. Cross-series combinations are not compatible.
2. This refers to the load-side disruption time, to achieve this functionality Sigen Energy Gateway needs to be used together with Sigen Hybrid Inverter and Sigen Battery. Test conditions: In the open-circuit state of the power grid, the total power of the Sigen Hybrid Inverter is higher than the total power of the backup loads.
3. Sigen Gateway B-INV-15 supports the connection of 15 inverters. Sigen Gateway B-INV-24 supports the connection of 24 inverters. The two types of cabinets can be deployed in combination to expand inverter connection capacity.
4. In accordance with IEC 60364-4-43, if the existing load-side distribution cabinet is already fitted with overload protection device and is installed within 3 m of Sigen Energy Gateway, a back load cabinet is not required, and a combiner panel cabinet (Sigen Gateway B-CP) can be selected.
5. If the inverter connection ports of inverter cabinets are insufficient, expansion and customization via a combiner panel cabinet (Sigen Gateway B-CP) are available. Please consult Sigenergy for details.

Sigen Energy Gateway



- Multiple SigenStor connections supported for micro-grid system
- Seamless switchover, ensuring 0ms load-side disruption
- Built-in bypass circuit for enhanced system reliability
- Supports diesel generator connection & smart control
- Real-time current monitoring with 100ms zero export

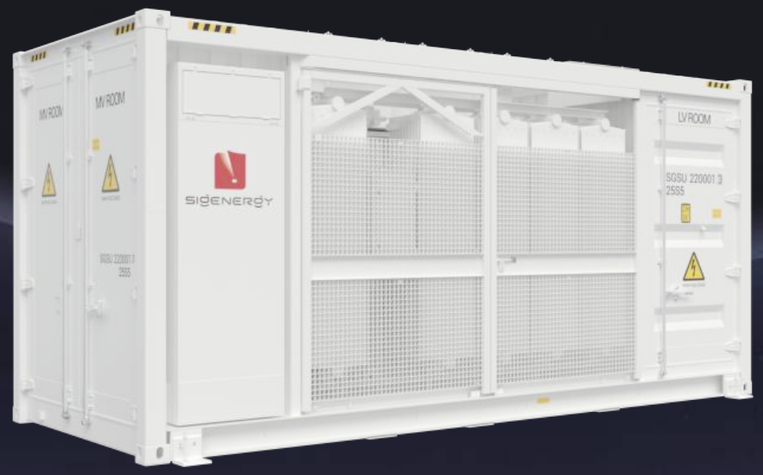
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Sigen Energy Gateway for SigenStor

Sigen Gateway	C60 AU	Units
Grid Connection		
Grid connection type	Three phase	
Nominal AC input / output voltage	380 / 400	V
Nominal AC input / output current	91.2	A
Nominal AC input / output power	60	kW
Nominal AC frequency	50 / 60	Hz
Disruption time of backup switch [1]	0	ms
AC Output to Backup Port		
Nominal AC output voltage	380 / 400	V
Nominal AC output current	91.2	A
Nominal AC output power	60	kW
Nominal AC frequency	50 / 60	Hz
Overvoltage category	III	
Inverter Connection		
Nominal AC voltage	380 / 400	V
Nominal AC input current	45.6 (INV1), 45.6 (INV2), 30 (INV3) [2]	A
Smart Port Connection		
Generator output voltage	380 / 400	V
Nominal input / output current	91.2	A
Nominal AC input / output power	60	kW
Generator 2-wire start	Supported	
General Data		
Dimensions (W / H / D)	510 / 765 / 173	mm
Weight	35	kg
Storage temperature range	-40 ~ 70	°C
Operating temperature range	-30 ~ 55	°C
Relative humidity range	0% ~ 100%	
Max. operation altitude	4000	m
Cooling	Natural convection	
Ingress protection rating	IP55	
Communication	Fast Ethernet , RS485, dry contact	
Installation method	Wall mounted	

1. This refers to the load-side disruption time, to achieve this functionality Sigen Energy Gateway needs to be used together with Sigen Energy Controller and Sigen Battery. Test conditions: In the open-circuit state of the power grid, the nominal power of the Sigen Energy Controller is higher than the total power of the backup loads.
2. The sum of the parallel power of the Sigenergy inverters cannot exceed 60 kW.

Sigen Transformer Station



- Higher efficiency, Tier 2 PEI available
- Upward arc exhaust channel, enhanced personnel safety
- Form 2b compartment design, preventing fault propagation
- Prefabricated design, minimized on-site workload
- Supports up to 92 inverters, ideal for 0.25C long-duration backup

Enjoy Green Energy

Sigen Transformer Station

Preliminary

SigenMVT	5000M1	Unit
Input		
Compatible Inverters	Sigen PV (50–125)M1 / Sigen PV (50–125)M1-HYA	
AC Power	5,060 kVA@40°C	
Rated Input Voltage	400 / 480	V
LV Main Inputs (ACB)	5,000 A / 3P, 2 x 1 pcs	
LV Main Inputs (MCCB)	250 A / 3P, 2 x 23 pcs	
Output		
Rated Output Voltage [1]	10 / 11 / 13.2 / 13.8 / 15 / 20 / 22 / 25 / 30 / 33 / 34.5 / 35	kV
Frequency	50 / 60	Hz
Transformer Type	Oil-immersed, Conservator Type	
Transformer Cooling Type	ONAN	
Transformer Tapping	± 2 x 2.5%	
Transformer Oil Type	Mineral Oil (PCB Free)	
Transformer Vector Group	Dy11-y11	
Transformer Min. Peak Efficiency Index	Tier 1 or Tier 2 In Accordance with EN 50588-1	
RMU Type	SF_6 / SF_6-free[2]	
RMU Transformer Protection Unit	MV Vacuum Circuit Breaker Unit	
RMU Cable Incoming / Outgoing Unit	Direct Cable Unit or Cable Load Break Switch Unit	
Auxiliary Transformer	Dry Type Transformer, 5 kVA, Ii0	
Output Voltage of Auxiliary Transformer	230	V
Protection		
Transformer Monitoring & Protection	Oil Level, Oil Temperature, Oil Pressure and Buchholz	
Protection Degree of MV & LV Room	IP54	
Internal Arcing Fault	IAC A 20 kA 1s (default) / IAC A 25 kA 1s (optional)	
MV Relay Protection	50/51, 50N/51N	
LV Overvoltage Protection	Type I+II	
Anti-corrosion Protection [3]	C5-M in accordance with ISO 12944	
Features [4]		
UPS	Optional	
MV Surge Arrester for Transformer	Optional	
Insulation Monitor Device	Optional	
24kV SF6-Free RMU	Optional	
General Data		
Dimensions (W / H / D)	6,058 / 2,896 / 2,438 (20' HQ Container)	mm
Weight	< 25	t
Operating Temperature Range [5]	-25°C ~ 60°C (-13°F ~ 140°F)	°C / °F
Relative Humidity	0% ~ 95%	
Prefabrication	Support	
LV & MV Room Cooling	Without air-across for higher availability	

1. Rated output voltage from 10 kV to 35 kV, more available upon request.
2. 24kV SF_6-free RMU is optional.
3. Sigenergy offers C5-H as an optional feature.
4. Extra expense needed for optional features which standard product doesn't contain, more options upon request.
5. When ambient temperature ≥55°C, awning shall be equipped for SigenMVT series on site by customer.

Sigen Communication Module



- IP66 protection rate, more reliable
- Plug & play, easy to use
- Support 2G / 3G / 4G communication

Enjoy Green Energy

Sigen Communication Module

	Sigen CommMod	Units
Connection interface	USB	
Installation type	Plug-and-play	
Display	LED indicators	
Dimensions (W / H / D)	52 / 112 / 33	mm
Weight	90	g
Ingress protection rating	IP66	
Power consumption (typical)	< 4	W
Supported SIM card	Micro-SIM (12mm * 15mm)	
Supported standards	LTE-FDD B1/3/7/8/20/28A LTE-TDD B38/40/41 WCDMA B1/8 GSM/EDGE B3/8	
Storage temperature range	-40 ~ 70	℃
Operating temperature range	-30 ~ 60	℃
Relative humidity range	0% ~ 95%	
Max. operating altitude	4000	m
Controller / Inverter compatibility	Sigen Energy Controller series Sigen Hybrid Inverter series	

Sigen Power Sensor



Sigen Sensor Sub1G Kit

Sigen Power Sensor

- WiFi halow remote communication functionality (with Sigen Sensor Sub1G Kit)
- Efficient and stable data transmission up to 200m (with Sigen Sensor Sub1G Kit)
- 1% high-accuracy power detection for precise control
- Compact 1P size, plug-in design for easy installation
- Integrate smoothly with Sigenergy devices, no need for setup
- 50 ms data refresh rate, instantaneous data feed

Enjoy Green Energy

Sigen Power Sensor

Sigen Sensor [1]	TP-CT100 [2]	TP-CT300 [2]	TP-CT600 [2]	TPX-CH	TP-CT5	Units
Power Supply						
Grid connection type	3P3W/3P4W					
AC input voltage range	176 ~ 276 (L~N), 304 ~ 477 (L-L)			100 ~ 480	52 ~ 264 (L~N) 90 ~ 456 (L-L)	Vac
Nominal AC frequency	50 / 60					Hz
Measurement Accuracy						
Voltage accuracy	0.5%					
Current accuracy	0.5%					
Power accuracy	1%					
Frequency accuracy	0.5%			0.2%		
Communication						
Interface	RS485					
Baud rate	9,600					bps
Protocol	Modbus RTU					
General Data						
Dimensions (W / H / D)	19 / 94.5 / 68.5 or 18 / 100 / 65.5 [2]			72 / 100 / 65.5	72 / 98 / 65.5	mm
Weight	0.08			0.35	0.23	kg
Storage temperature range	-40 ~ 70					°C
Operating temperature range	-25 ~ 55					°C
Relative humidity range	0% ~ 95%					
Ingress protection rating	IP20					
Installation method	DIN Rail 35 mm					
CT Accessory						
Number of CT	3	3	3	-	3	pcs
Cable length of CT	1	1	1	-	6	m
Inner diameter of CT [2]	24 / 16	24 / 24	34 / 50	-	10	mm
Weight of CT [2]	0.2 / 0.43	1.06 / 0.77	1.09 / 2.62	-	0.08	kg
Max. operating current of CT	100	300	600	-	5	A
Standard Compliance						
Standard	EN 61010-1:2010, EN 61010-2-030:2010					

	Sigen Sensor Sub1G Kit	Units
Working mode	AP(master device), STA(slave device)	
Communication method	RS485 / wireless communication	
Network protocol	IEEE 802.11ah	
Operating voltage	85 ~ 277	Vac
Maximum power	2	W
Operating temperature	-25 ~ 55	°C
Dimensions (W/H/D)	18 / 118 /66	mm
Wireless frequency	915	MHz
Wireless transmission distance [3]	≤ 200	m
Way to install	DIN35mm Rail mounting	

1. For more models refer to the Sigenergy website.
2. Sensors from two different manufacturers may be shipped interchangeably as they are functionally identical. Please refer to the actual products received for confirmation.
3. Lab tests have shown a maximum horizontal range of up to 200 metres in open spaces, with shorter communication distances when walls are in the way.

Sigen Power Sensor

with Rogowski coil



- Split-core installation for compact retrofitting on irregular busbars
- High overcurrent resilience with negligible signal distortion
- Ultra-wide frequency response spanning 30Hz to 5kHz
- Scalable 300/1000/3000A ranges for 0.2MVA–2MVA scenarios
- Industrial-grade Class B precision for energy measurement
- Fast 50ms data refresh for robust anti-backflow control

Enjoy Green Energy

Sigen Power Sensor Rogowski Coil

Sigen Sensor [1]	TP-RC300	TP-RC1000	TP-RC3000	Units
Power Supply				
Grid connection type		3P4W		
AC input voltage range		176 ~ 276 L-N 304 ~ 477 L-L		Vac
Nominal AC frequency		50 / 60		Hz
Measurement Accuracy				
Voltage accuracy		0.5%		
Current accuracy		0.5%		
Power accuracy		1%		
Frequency accuracy		0.5%		
Rogowski Coil Position Error		1%		
Communication				
Interface		RS485		
Baud rate		9600		bps
Protocol		Modbus RTU		
General Data				
Dimensions (W / H / D)		18 / 100 / 65.5		mm
Weight		0.076		kg
Storage temperature range		-40 ~ 70		°C
Operating temperature range		-25 ~ 55		°C
Relative humidity range		0% ~ 95%		
Ingress protection rating		IP20		
Installation method		DIN Rail 35 mm		
Rogowski Coil Accessory				
Number of Coil		3		pcs
Cable length of Coil		6		m
Weight of Coil	0.56	0.66	0.87	kg
Max. operating current of Coil	300	1000	3000	A
Standard Compliance				
Standard		EN 61010-1:2010, EN 61010-2-030:2010		

1. For more models refer to the Sigenergy website.

Sigen Communication Bridge



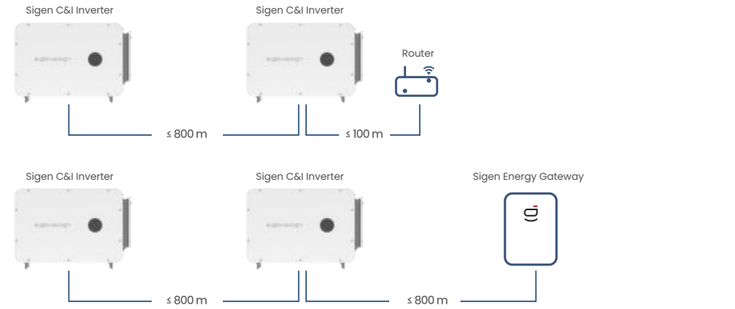
- Built-in signal codec chip, enabling high-speed communication up to 800m
- Inverters automatic networking, making system commissioning easier
- Dual power supply with automatic switching, ensuring stable power supply

Enjoy Green Energy

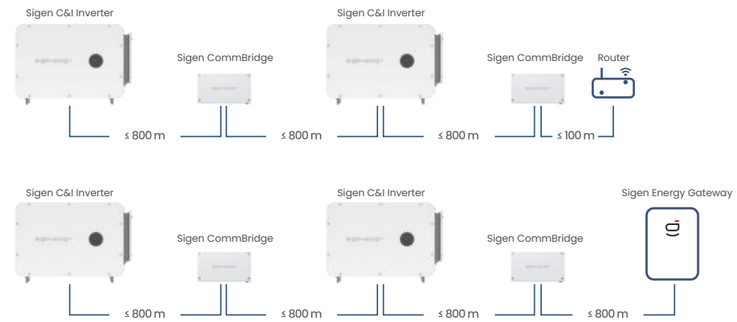
Sigen Communication Bridge

	Sigen CommBridge	Unit
Performance		
Communication distance with Sigen C&I inverters	Up to 800	m
Communication distance with routers	Up to 100	m
Features		
Communication Interface	ETH × 4, 10 / 100 Mbps, RJ45	
Communication Protocol (Northbound)	IEEE 802.3, IEEE 802.3x	
Electrical		
AC power supply	100 V ~ 277 V, 0.3 A, 50 Hz / 60 Hz	
DC power supply	12 V ± 10%, 0.5 A	
Power consumption	Typical 3, Maximum 6	W
General Data		
Dimensions (W / H / D)	150 / 91 / 35	mm
Weight	0.3	kg
Storage temperature range	-40 ~ 70	°C
Operating temperature range	-30 ~ 60	°C
Relative humidity range	0% ~ 95%	
Max. operating altitude	4,000	m
Ingress protection rating	IP20	
Installation method	DIN rail mounted	

Without Sigen CommBridge



With Sigen CommBridge



Sigen Cloud

A platform for device lifecycle management and business decision-making.



- Instantly grasp business trends with data visualisation and interaction
- Batch remote system parameter configuration and auto command retry
- Enhanced system monitoring with real-time multi-layer information
- System data updates every 10 seconds, offering quick energy insights
- Sigen AI smart energy assistant, real-time help, always online

Business Operation	Interactive BI Dashboard Installer Points Dashboard Points Redemption Mall
Efficient Maintenance	Alert Management Ownership Management Fleet Management
System Monitoring	Status Management Real-time Energy Flow System Energy Graphs Reporting and Download Device Management
Device Monitoring	Real-time Device information Parameter Check and Remote Configuration Device Historical Curves
After-sales Service	Warranty Lookup
Organisation Management	Member Management Company Information Hierarchy Management
Value-Added Services	AI Smart Assistant Third-party VPP Integration Open Northbound Integration

World-leading Intelligent Manufacturing



99.9%

Industry-Leading

First Pass Yield





Full-Lifecycle

Material Tracking

100%

100%

Fully Automated

Transport





Nantong Smart Energy Center



Shanghai Lingang Manufacturing Center



Shanghai Pudong Manufacturing Center

Driven by the "AI in All" strategy, Sigenergy has established a world-class intelligent manufacturing ecosystem anchored by three advanced hubs in Shanghai and Nantong. At the heart of this network is the Nantong Smart Energy Center, a 136,000-square-meter facility and capable of producing over 300,000 inverters and battery packs annually. This scale is powered by a fully synchronized digital architecture integrating MES, WMS, and EMS to ensure real-time visibility and adaptive, automated workflows.

By embedding AI into every stage of the manufacturing chain, Sigenergy optimizes precision, speed, and reliability at scale. More than just a factory, this integrated hub unites R&D, smart manufacturing, and global logistics to deliver unparalleled product quality and meet the surging demands of the global market.

Global Cases

Unlocking the Potential of C&I Energy Systems



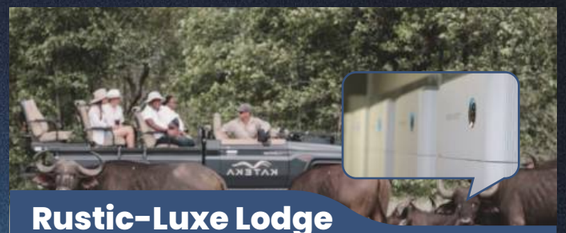
Winery
Spain
1.5 MW AC output | 3 MWh ESS capacity



Factory
South Africa
2.4 MW AC output | 4.1 MWh ESS capacity



Hotel
Mauritius
50 kW AC output | 96 kWh ESS capacity



Rustic-Luxe Lodge
South Africa
125 kW AC output | 240 kWh ESS capacity



Community
Australia
70 kW AC output | 336 kWh ESS capacity



Office
China
250 kW AC output | 448 kWh ESS capacity



Factory
Spain
200 kW AC output | 400 kWh ESS capacity



Factory
Sweden
140 kW AC output | 280 kWh ESS capacity



Poultry farm
Myanmar
150 kW AC output | 144 kWh ESS capacity



Game Ranch
Namibia
300 kW AC output | 960 kWh ESS capacity

Global Cases

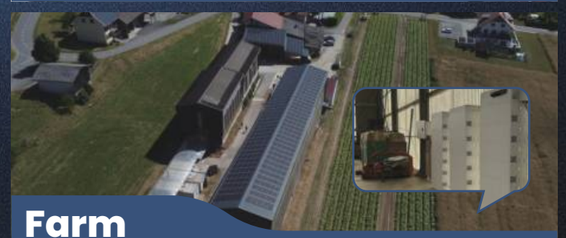
Unlocking the Potential of C&I Energy Systems



Utility-scale
Bulgaria
10 MW AC output | 20 MWh ESS capacity



Factory
Belgium
440 kW AC output | 1013 kWh ESS capacity



Farm
Switzerland
100 kW AC output | 217 kWh ESS capacity



Fruit warehouse
Italy
100 kW AC output | 300 kWh ESS capacity



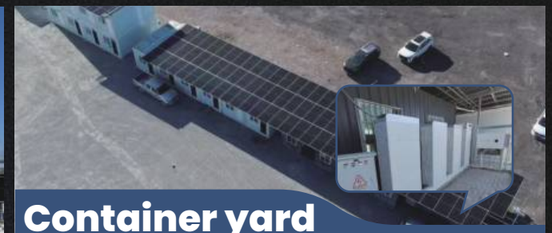
Office
Vietnam
1120 kWp PV capacity | 880 kW AC output



Utility-scale
Japan
2 MW AC output | 8 MWh ESS capacity



Machine Factory
South Africa
220 kW AC output | 168 kWh ESS capacity



Container yard
China
60 kW AC output | 240 kWh ESS capacity



Crusher plant
South Africa
1.5 MW AC output | 2.3 MWh ESS capacity



Aquaculture farm
China
4.3 MW AC output | 5 MWh ESS capacity