Website | LinkedIn | YouTube

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.

Version: 20260306

www.sigenergy.com

SIGENERGY

ENJOY GREEN ENERGY

Home Energy Solution

Let the world enjoy green energy

ENJOY GREEN ENERGY

CONTENTS

ENJOY GREEN ENERGY

ABOUT SIGENERGY

Sigenergy focuses on developing cutting-edge all-scenario 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

Enjoy Green Energy

MISSION

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

SIGEN

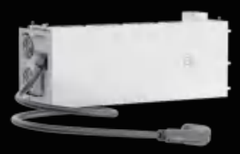
Safe **I**ntelligent **G**reen **E**fficient **N**ew

ENJOY GREEN ENERGY

Sigenergy Home Energy Solutions

5-in-One SigenStor

SigenStor EC
For solar + Energy storage system



SigenStor EVDC
Bi-directional EV charger

SigenStor BAT
Modular BESS

Sigen LoadHub

Sigen LoadHub
Professional backup solution

Micro Inverter

SigenMicro Inverter
Module-level MPPT & Rapid Shutdown

EV AC Charger

Sigen EVAC Charger
Power drives with smart energy

App & Cloud

Sigen Cloud
A platform for device lifecycle mgmt. and business decision-making

mySigen App
Intelligent energy mgmt. within touches

Sigen Backup Switch

Sigen Backup Switch
Plug-and-play backup solution

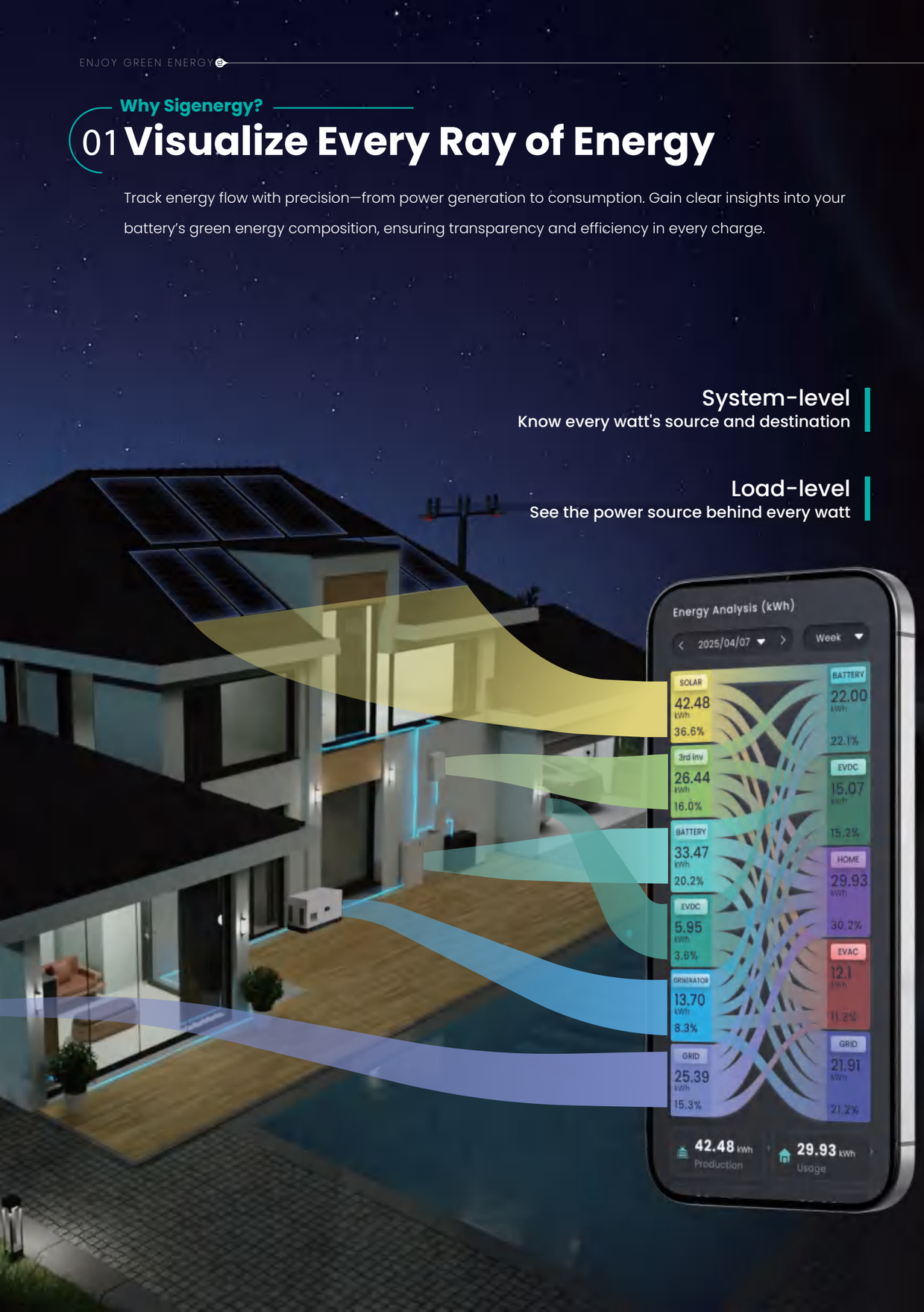
Why Sigenergy?

01 Visualize Every Ray of Energy

Track energy flow with precision—from power generation to consumption. Gain clear insights into your battery's green energy composition, ensuring transparency and efficiency in every charge.

System-level
Know every watt's source and destination

Load-level
See the power source behind every watt



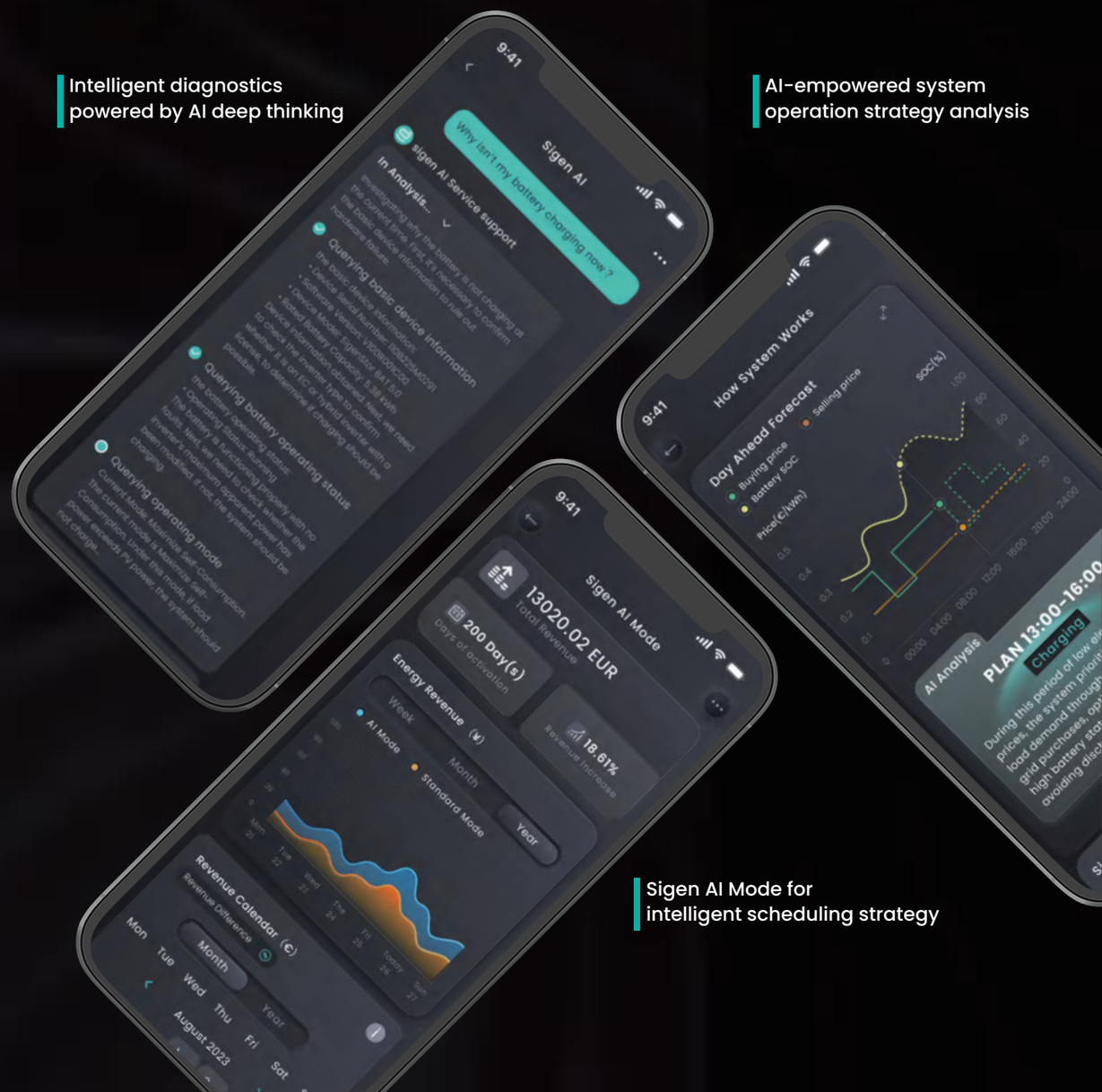
Why Sigenergy?

02 Let AI Power Your Energy Freedom

mySigen App integrates AI deeply with Sigen AI Mode, AI-driven insights, and a GPT-4o - powered smart assistant, using advanced AI to boost system efficiency, convenience, and performance.

Intelligent diagnostics
powered by AI deep thinking

AI-empowered system
operation strategy analysis



Sigen AI Mode for
intelligent scheduling strategy

Why Sigenergy?

03 Safety Guard Always Reliable

Sigen Battery uses high-reliable LFP cells and features industry-leading protections. Offering 10,000 life cycles* and superior safety. Setting a new benchmark for battery safety.

5 Layers
Battery Safety Protection

1. Cell-level temperature monitoring
2. Internal fire extinguishing kit
3. High-temp. resistance insulated pads
4. Aerogel insulated pads
5. Decompression valve

Real-time monitoring of battery status on

mySigen APP

*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%.

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Why Sigenergy?

04 Goodbye to Power Outage

Sigenergy provides the ultimate backup solution. Our patented power control algorithm enables seamless switching among multiple energy, with robust off-grid performance for your home.

0 ms
Load-side disruption

Why Sigenergy?

05 Innovative DC-Coupled Architecture

Direct DC bus connection among PV, ESS and EV chargers boosts system efficiency and power density. With a smart battery optimizer for each pack, it supports mixed use of new/old batteries and active balancing.

DC BUS
Patented architecture

Optimizer
for each battery

Mixed use
of new/old batteries

ENJOY GREEN ENERGY

Why Sigenergy?

06 V2X Pioneering the Future

The world's first V2X-powered home energy revolution. SigenStor EVDC pioneers 25kw bidirectional EV - Home integration, bringing limitless possibilities to the energy industry.

V2G
Peak shaving and VPP dispatch

V2H
Backup your home with your EV

Scan to discover V2X tested EVs

*V2X functionality is limited by the EV's capabilities. Once the relevant standards are published, 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.

Battery Pack | EMS | EV Charger | PV Inverter | Battery PCS

SigenStor-A-B

SigenStor EC

1 SKU, field configurable to 3.8/4.8/5.7/7.6/9.6 /11.5 kW

SigenStor EV DC Charger

25kW

SigenStor BAT

2 battery pack capacities for 1-6 pack configurations

6.02kWh | 9.04kWh

6.02kWh Min. — 54.24kWh Max.

Sigenergy is leading the new way of producing, storing, dispatching, and consuming electricity in the home. We provide a genuine, all-in-one home energy management system, called SigenStor. Its unique 5-in-One modular design integrates the solar inverter, an optional bi-directional EV DC Charger, the Battery PCS, Battery Packs, and the EMS into one fully integrated, intelligent system. With a new era of battery safety, improved long-term performance, ultra-fast installation and commissioning, and a new dimension of intelligence, SigenStor provides energy security for your home for the long term.

ENJOY GREEN ENERGY

SigenStor Part No.	Controller Configuration Model	Battery Pack Configuration Model		Maximum Continuous Output Power (kW)	Total System Energy (kWh)
		SigenStor BAT 6.0 US	SigenStor BAT 9.0 US		
SigenStor-11.5-6.02	SigenStor EC SP US	1	0	11.5	6.02
SigenStor-11.5-9.04	SigenStor EC SP US	0	1	11.5	9.04
SigenStor-11.5-12.04	SigenStor EC SP US	2	0	11.5	12.04
SigenStor-11.5-15.06	SigenStor EC SP US	1	1	11.5	15.06
SigenStor-11.5-18.08	SigenStor EC SP US	0	2	11.5	18.08
SigenStor-11.5-21.08	SigenStor EC SP US	2	1	11.5	21.08
SigenStor-11.5-24.10	SigenStor EC SP US	1	2	11.5	24.10
SigenStor-11.5-27.12	SigenStor EC SP US	0	3	11.5	27.12
SigenStor-11.5-30.12	SigenStor EC SP US	2	2	11.5	30.12
SigenStor-11.5-33.14	SigenStor EC SP US	1	3	11.5	33.14
SigenStor-11.5-36.16	SigenStor EC SP US	0	4	11.5	36.16
SigenStor-11.5-39.16	SigenStor EC SP US	2	3	11.5	39.16
SigenStor-11.5-42.18	SigenStor EC SP US	1	4	11.5	42.18
SigenStor-11.5-45.20	SigenStor EC SP US	0	5	11.5	45.20
SigenStor-11.5-48.20	SigenStor EC SP US	2	4	11.5	48.20
SigenStor-11.5-51.22	SigenStor EC SP US	1	5	11.5	51.22
SigenStor-11.5-54.24	SigenStor EC SP US	0	6	11.5	54.24

Note: The Controller can be configurated to 3.8 / 4.8 / 5.7 / 7.6 / 9.6 / 11.5 kW

*This represents the system's maximum continuous AC output power. The actual output depends on the most restrictive component; it cannot exceed the inverter's power rating and is also limited by the total DC power available from the PV modules and battery combined.

Sigen Energy Controller

1 SKU, field configurable to

3.8/4.8/5.7/7.6/9.6 /11.5 kW

- EMS inside for precise control
- Multi-source black start
- On & off-grid compatibility
- 4 MPPTs with 2:1 DC/AC ratio (oversize PV)
- NEMA 4X system enclosure
- NEC rapid shutdown compliant
- Seamless switching experience
- AFCI function integrated

SigenEnergy ControllerSplit Phase US

SigenStor EC SP US							
Field Configuration	3.8	4.8	5.7	7.6	9.6	11.5	Units
DC Input (from PV)							
Max. PV power	7680	9600	11520	15360	19200	23000	W
Max. DC input voltage	600						V
Nominal DC input voltage	360						V
Start-up voltage	100						V
MPPT voltage range	50 ~ 550						V
Number of MPP. trackers	4						
Number of PV strings per MPPT	1						
Max. input current per MPPT	16						A
Max. short-circuit current per MPPT	20						A
AC Input / Output (on-grid)							
Nominal output power	3840	4800	5760	7680	9600	11500	W
Max. continuous current	16.0	20.0	24.0	32.0	40.0	48	A
AC switch current rating	20.0	25.0	30.0	40.0	50.0	60.0	A
Nominal output voltage	240 / 120						V
Grid frequency range	59.3 ~ 60.5						Hz
Power factor	0.8 leading ~ 0.8 lagging						
Total current harmonic distortion	THDi < 2%						
Efficiency							
Max. efficiency	97.80%						
AC Output (backup)							
Backup output power @240V	3840	4800	5760	7680	9600	11500	W
Backup output power @120V	1920	2400	2880	3840	4800	5750	W
Peak output power (10 seconds)	8640	8640	8640	17100	17100	17100	W
Nominal output voltage	240 / 120						V
Output frequency range	59.3 ~ 60.5						Hz
Power factor	0.8 leading ~ 0.8 lagging						
Total voltage harmonic distortion	THDv < 2%						
Disruption time of backup switch [1]	0						ms
Battery Connection							
Supported battery module	SigenStor BAT 6.0 / 9.0 US						
Battery module voltage range	300 ~ 600						V
General Data							
Dimensions (W / H / D)	27.6 x 11.8 x 10.2 / 700 x 300 x 260						in / mm
Weight	77.1 / 35						lbs / kg
Storage temperature range	-40 ~ 158 / -40 ~ 70						°F / °C
Operating temperature range	-22 ~ 140 / -30 ~ 60						°F / °C
Relative humidity range	0% ~ 95%						
Max. operating altitude	13123 / 4000						ft / m
Cooling	Smart air cooling						
Communication	WLAN / Fast Ethernet (FE) / RS485 / Sigen CommMod US (4G / 3G)						
Standard Compliance							
Certifications	UL 1741, UL 1741 SB, UL 1741 CRD, IEEE 1547-2018, IEEE1547.1-2020, UL 1998, UL 991, UL 1699B, CP 65, FCC Part 15 Class B						

1. This refers to the load-side disruption time, to achieve this function Sigen LoadHub needs to be used together with Sigen Energy Controller US and Sigen Battery US. 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.

Sigen EV DC Charging Module

- 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
- Support 100% green charging, drive with sun power
- NEMA 4X system enclosure

SigenEV DC Charging Module 25 kW US

SigenStor EVDC [1]	25	Units
DC Output		
Max. charging power of charging port	25	kW
Max. discharging power of charging port	25	kW
Output voltage range	150 ~ 1000	V
Max. output current	80	A
Charging connector	CCS1 / NACS	
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)	27.56 x 10.63 x 10.24 / 700 x 270 x 260	in / mm
Weight [2]	≤ 89 / ≤ 40	lbs / kg
Storage temperature range	-40 ~ 158 / -40 ~ 70	°F / °C
Operating temperature range	-22 ~ 122 / -30 ~ 50	°F / °C
Relative humidity range	5% ~ 95%	
Max. operating altitude	13123 / 4000	ft / m
Cooling	Smart air cooling	
System enclosure type	NEMA 4X	
Integrated charging cable length [3,4]	16.4 / 5 or 24.6 / 7.5	ft / m
Function		
Authentication	RFID card / APP / No authentication	
Application	Bi-directional charging (V2H / V2G)[5], Smart load management	
User interfaces	LED indicator, App, RFID	
Remote function	OTA, Remote diagnostics	

1. SigenStor EVDC needs to be used together with Sigen Energy Controller US.
2. Net weight is less than 40kg, which excludes the charging connector, exteriors and attachments used for wall-mounted installations.
3. Integrated charging cable length refers to the length of the cable that extends from the SigenStor EVDC, not the length of the exposed cable.
4. Without provision of Cable Management System(CMS) with our product, the cable length is less than the max. limit 5m in Canada or 7.5m in U.S according to their regulations and standards.
5. V2X functionality may be limited by EV's capabilities.

Sigen Battery

- Large cell capacity, low voltage & durable
- Multi-layer full battery safety protection
- Visible battery status on myPointGuard App
- Self-guiding pin connectors for fast installation
- AI-assisted, optimized battery cycle life
- Parallel connections for flexible battery combinations

SigenBattery 6.0 / 9.0 US

SigenStor BAT	6.0 US	9.0 US	Units
Performance Specification			
Battery type	$LiFePO_4$		
Total energy capacity	6.02	9.04	kWh
Usable energy capacity [1]	5.84	8.76	kWh
Max. charge / discharge power	3000	4600	W
Peak charge / discharge power (10 seconds)	4500	6900	W
General Data			
Weight	136.7 / 62	172.0 / 78	lbs / kg
Dimensions (W / H / D)	30.2 x 10.6 x 10.4 / 767 x 270 x 265		in / mm
Storage temperature range	-13 ~ 140 / -25 ~ 60		°F / °C
Operating temperature range	-4 ~ 131 / -20 ~ 55		°F / °C
Relative humidity range	5% ~ 95%		
Max. operating altitude	13123 / 4000		ft / m
Cooling	Natural convection		
System enclosure type	Type 4X		
Installation method	Floor standing / Wall-mounted		
Standard Compliance			
Certifications	UL 1973, UL 1998, UL 9540, UL9540 A, UN 38.3, CP 65, FCC Part 15 Class B		

1. Test conditions: 100% depth of discharge, 0.2C rate charge & discharge averagely at 25°C, at the beginning of life.

ENJOY GREEN ENERGY

Sigen Backup Switch

Plug-and-play backup solution

- Easy installation, fits right into your existing meter socket
- Saves time and money, slashes installation costs effortlessly
- Seamless switch to backup power, keeps your whole home always on
- Smart energy monitoring, real-time data at your fingertips

Sigen Backup Switch US

Sigen Backup Switch US		Units
Electrical Specification		
Grid connection type	Split phase	
Nominal AC voltage	120 / 240	Vac
Nominal AC frequency	60	Hz
Continuous Current Rating	200	A
Maximum Supply Short Circuit Current	22 kA with breaker	kA
AC measurement accuracy	Revenue accuracy (+ / - 0.5 %)	
General Data		
Dimensions (W / H / D)	7 x 8 x 6 / 176 x 210 x 145	in / mm
Weight	4.4 / 2	lbs / kg
Installation method	Plug and unplug installation	
Meter and Socket Compatibility	ANSI Form 2S, ringless, or ring type	
External Service Interface	Contactor manual override Reset button	
Conduit Compatibility	3 / 4 - inch NPT	
Operating temperature range	-40 ~ 122 / -40 ~ 50	°F / °C
Storage temperature range	-40 ~ 185 / -40 ~ 85	°F / °C
Relative humidity range	0% ~ 95%	
Max. operating altitude	13123 / 4000	ft / m
Pollution Rating	PD3	
Enclosure type	Indoor / Outdoor, NEMA Type 3R,	
Communication	WLAN / Fast Ethernet	
Standard Compliance		
Certifications	UL 414, UL 414 SB, UL2735, UL916, CA Proposition 65	

1. The MID Switch complies with UL Category NRNT2 and fullfils with the standards of UL 508, UL 60947-1, UL 60947-4-1, UL 61810-1 as well as UL 61810-20.

Sigen LoadHub

Professional backup solution

- 5 double-pole controllable loads
- 0 ms load-side disruption when switching to backup mode
- Supports generator, heat pump or other controllable load
- Supports both whole-home & partial-home backup
- Uninterrupted power supply through PV +ESS/grid/generator

Sigen LoadHub

Sigen LoadHub		Units
Electrical Specification		
Grid connection type	Split phase	
Nominal AC voltage	120 / 240	V
Nominal AC frequency	60	Hz
Max. short circuit current (Isc)	10	kA
Current measurement accuracy	≤ 1 %	
Voltage measurement accuracy	≤ 1 %	
Grid Connection		
Max. continuous current	200	A
Max. overcurrent protection device rating	200	A
Disruption time of backup switchover [1,2]	0	ms
AC Output to Main Distribution Panel		
Max. continuous current	200	A
Max. overcurrent protection device rating	200	A
Overvoltage category	IV	
SigenStor Connection		
Max. number of connection	2	
Max. continuous current	48	A
Max. overcurrent protection device rating	60	A
Max. AC nominal power per inverter connection	11.5	kW
Smart Load Port Connection		
Max. number of connection	5	
Max. continuous current	64	A
Max. overcurrent protection device rating	80	A
Generator Port Connection		
Max. continuous current	64	A
Max. overcurrent protection device rating	80	A
Dry contact switch voltage rating	30	V
Dry contact switch current rating	1	A
Generator 2-wire start	Supported	
General Data		
Dimensions (W / H / D)	21 x 32 x 7 / 532 x 814 x 180	in / mm
Weight	60 / 27	lbs / kg
Storage temperature range	-40 ~ 158 / -40 ~ 70	°F / °C
Operating temperature range	-22 ~ 131 / -30 ~ 55	°F / °C
Relative humidity range	0% ~ 95%	
Max. operating altitude	13123 / 4000	ft / m
Cooling	Natural convection	
Enclosure type	Type 3R	
Communication	Fast Ethernet (FE), RS485, dry contact	
Installation method	Wall-mounted	
Standard Compliance		
Certifications	FCC Part 15 Subpart B, ICES-003, ANSI C63.4a:2017, UL 67, UL 869A UL 1741, UL 1741 PCS CRD, CSA C22.2 No.107.1-16, CA Proposition 65	

1. This refers to the load-side disruption time, to achieve this function Sigen LoadHub needs to be used together with Sigen Energy Controller US and Sigen Battery US. Test conditions: In the open-circuit state of the power grid, the nominal power of the Sigen Energy Controller US is higher than the total power of the home loads.
2. The MID Switch complies with UL Category NRNT2 and fullfils with the standards of UL 508, UL 60947-1, UL 60947-4-1, UL 61810-1 as well as UL 61810-20.

SigenMicro Inverter

384 W / 480 W 1-in-1 | 768 W / 960 W 2-in-1

- Innovative DAB Topology, industry-leading efficiency
- The world's first WLAN Mesh, more reliable and scalable
- The world's first EMS inside, free from network gateway
- AI layout recognition, 5 minutes fast commissioning
- Whitelisting security, enhanced data protection

C US

SigenMicro Inverter

SigenMicro	384 US	480 US	768 US	960 US	Units
DC Input (from PV)					
Commonly used module power	320 ~ 540	400 ~ 670	(320 ~ 540) x 2	(400 ~ 670) x 2	W
Start-up voltage	20				V
Min. PV input voltage / Start-up voltage	16 / 20				V
MPPT voltage range	16 ~ 60				V
Number of modules connected	1	1	2	2	
Max. input current	16 x 1	16 x 1	16 x 2	16 x 2	A
Max. input short-circuit current	20 x 1	20 x 1	20 x 2	20 x 2	A
AC Output (on-grid)					
Max. continuous output power	384	480	768	960	VA
Max. continuous output current	1.6	2	3.2	4	A
Nominal (L-L) output voltage	240				V
Nominal (L-L) output voltage range [1]	211 ~ 264				V
Nominal grid frequency	60				Hz
Grid frequency range [1]	57 ~ 63				Hz
Total current harmonic distortion	THDi < 3% (at rated power)				
Power factor	0.8 leading ~ 0.8 lagging				
Max. units per 20 A (L-L) branch circuit[2]	10	8	5	4	
Max. units per 30 A (L-L) branch circuit[2]	15	12	7	6	
Efficiency					
Max. efficiency	97.0%		97.5%		
Monitoring & Protection					
Grid monitoring	Supported				
Ground fault protection	Supported				
PV module-level monitoring	Supported				
Rapid shutdown	Supported				
Surge protection	Supported				
General Data					
Dimensions (W / H / D)	9.13 x 7.32 x 1.38 / 232 x 186 x 35 (without bracket)				in / mm
Weight	6.2 / 2.8				lbs / kg
Storage temperature range	-40 ~ 185 / -40 ~ 85				°F / °C
Operating temperature range	-40 ~ 149 / -40 ~ 65				°F / °C
Relative humidity range	0% ~ 100%				
Max. operation altitude	13123 / 4000				ft / m
Cooling	Natural convection				
Topology	High Frequency Transformers, Galvanically Isolated				
Ingress protection rating	NEMA Type 6 / Outdoor				
Display	LED				
Communication	WLAN				
AC connection type	Plug and play connector				
Installation method	Bracket mounted				
Standard Compliance					
Certifications	UL 1741, UL 1741 SB, UL 1741 CRD, IEEE 1547-2018, IEEE 1547.1-2020, UL 1998, UL 991, UL 1699B, CP 65, FCC Part 15 Class B				

1. Nominal output voltage range and grid frequency range can vary depending on local requirements.
2. Limits may vary. Refer to local requirements to define the number of microinverters per branch in your area.

ENJOY GREEN ENERGY

Sigen EVAC Charger

- 100% Green power charging with SigenStor
- Data tracking & scheduled charging via mysigen app
- Dynamic load management to prevent overload*
- Simplified installation with top/bottom wiring option
- NEMA 4X & IK10 high protection degree
- Multiple charging modes to meet diverse needs

*This function needs to be used with Sigen Power Sensor.

Sigen EV AC Charger 11.5 kW US

Sigen EVAC	11.5	Units
AC Input & Output		
Nominal charging power	11.5	kW
Nominal output voltage	208 ~ 240	V
Output current range	6 ~ 48	A
Nominal AC frequency	60	Hz
Charging connector	SAE J1772 / NACS SAE J3400	
AC input connection	Hard-wired	
Protection		
Integrated RCD protection	CCID 20	
Flamemability of enclosure	UL 94-5VB	
Mechanical enclosure protection	IK 10	
Automatic recovery	Supported	
Over / Under voltage protection	Supported	
Overload protection	Supported	
Over temperature protection	Supported	
Ground fault protection	Supported	
Surge protection	Supported	
Grounding system	TT, TN	
User Interface & Communication		
Protocol	RS-485, Modbus RTU	
Communication	WLAN / Ethernet	
Authentication	App / Auto-charge (no authentication)	
Display	LED indicator / App	
Charging mode	Standard charging / Scheduled charging	
Metering	External meter with RS485	
Dynamic load management	Supported	
General Data		
Dimensions (W / H / D)	9.21 x 15.12 x 5.35 / 234 x 384 x 136	in / mm
Weight	16.3 / 7.4	lbs / kg
Storage temperature range	-40 ~ 158 / -40 ~ 70	°F / °C
Operating temperature range	-22 ~ 122 / -30 ~ 50	°F / °C
Relative humidity range	5% ~ 95%	
Max. operating altitude	13123 / 4000	ft / m
Cooling	Natural convection	
Enclosure type	NEMA 4X	
Installation method	Wall-mounted	
Application environment	Outdoor / Indoor	
Standby self-consumption	< 3.6	W
Integrated charging cable length	25 / 7.5	ft / m

ENJOY GREEN ENERGY

mySigen App

Intelligent energy management within touches

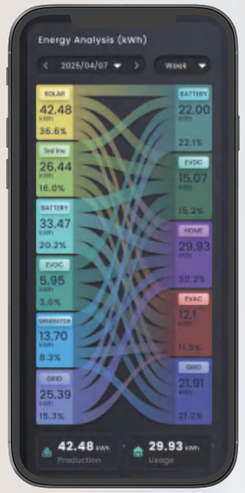
Smarter energy life empowered by mySigen App

Real-time Monitoring

Monitor real-time energy flow on home screen

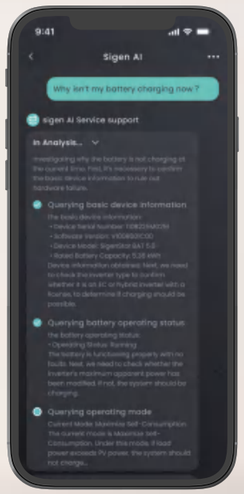
Sigen AI Mode

Smart scheduling that adapts to weather,tariffs, and your energy habits for maximum savings



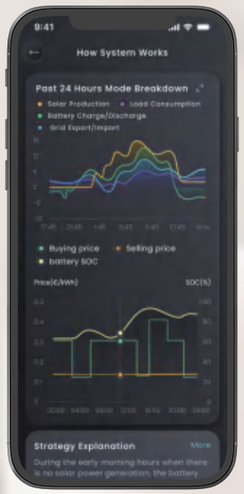
Energy Sankey Diagram

Know where every watt comes from and where it goes



Sigen AI Assistant

Intelligent diagnostics powered by AI deep thinking



Strategy Insight

AI-empowered system operation strategy analysis

Battery Energy Source

Real-time battery power source composition refreshing every 10 seconds

ENJOY GREEN ENERGY

Sigen Cloud

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

- Instantly grasp business trends with data visualization and interactive data modules
- Batch remote system parameter configuration and automatic command retry
- Enhanced system operation status monitoring with multi-layer real-time cell-level information
- Real-time system data updates every 10 seconds, offering clear energy insights at a glance
- Sigen AI smart energy assistant, always online to resolve your inquires instantly

Business Operation	Interactive BI Dashboard Installer Points Dashboard Points Redemption Mall
Efficient Maintenance	Alarm Management System Ownership Management Group Systems to Manage
System Monitoring	System Status-based Management 10-second Interval System Energy Flow System Energy Graphs System Report Search and Download Sigen Device and Third-party Device Management Device Management in Category
Device Monitoring	10-second Interval Device Real-Time Information Parameter Check and Remote Configuration Device Historical Curves
After-sales Service	Device Warranty Period Lookup
Organization Management	In-organization Member Management Company Information Installer Company Hierarchical Management
Value-Added Services	AI Smart Assistant Third-party VPP Integration Open Northbound Integration

ENJOY GREEN ENERGY

Runs on Solar by Sigenergy Solutions for a Sustainable Tomorrow

By adopting Sigenergy products and embracing solar energy, our factory has realized green manufacturing. With a 3,000 sqm PV plant on the rooftop, We have significantly reduced our reliance on fossil fuels and effectively cut carbon footprint during the manufacturing process. Our solar-powered production also translates into better efficiency and higher cost savings for our business. We are proud to be making a positive impact on the environment, and are committed to continuing to lead our sustainability practices to help build a better world for future generations.

Additionally, Sigenergy's core production base, the Nantong Smart Manufacturing Hub, is under construction. Once completed, the facility is expected to produce 300,000+ inverters and battery packs yearly, providing strong manufacturing support to meet growing global demand.

Plant Size

3,000 m^2 · 362 kW_p
240 kW_{ac} · 432 kWh

Estimated Annual Generation

398,200 kWh

Community Contribution per Year

309t CO_2 emission reduced
269 equivalent of trees planted

ENJOY GREEN ENERGY

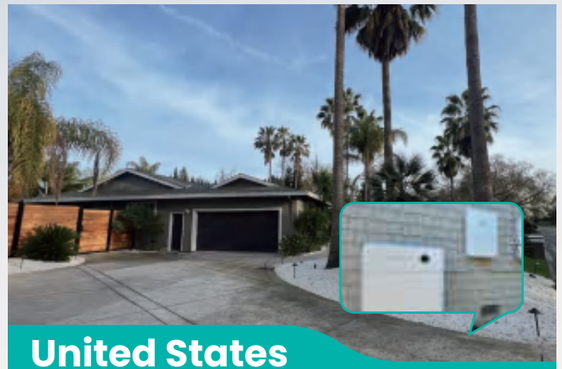
Powering Homes Worldwide

Spain
16 kW AC output 24 kWh ESS capacity

Sweden
6 kW AC output 8 kWh ESS capacity

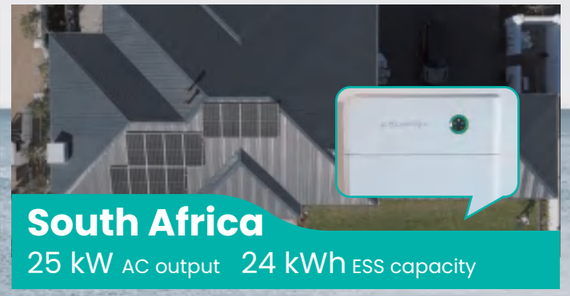
Germany
8 kW AC output 16 kWh ESS capacity

United Kingdom
40 kW AC output 32 kWh ESS capacity

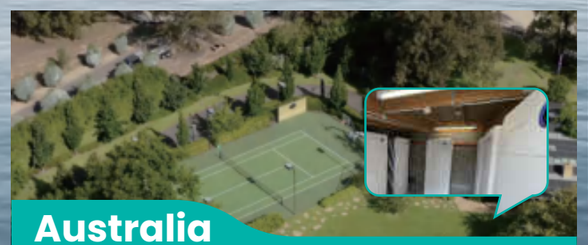


United States
11.4 kW AC output 13 kWh ESS capacity

France
12 kW AC output 24 kWh ESS capacity



South Africa
25 kW AC output 24 kWh ESS capacity



Australia
70 kW AC output 336 kWh ESS capacity

Netherland
75 kW AC output 120 kWh ESS capacity

Namibia
300 kW AC output 960 kWh ESS capacity