

Hybrid inverter Deye SUN-10K-SG04LP3 EU hybrid 48V batteries 400V 10000W IP65

Product code 17770

Brand [Deye](#)

Supply voltage 400V

Output 10000W

Protection class IP65

Height 702.0mm

Width 422.0mm

Length 281.0mm

Weight 33.6 kg

Warranty 5 years

Inverter type hybrid

Phase type 3-phase

Mppt 2

100% unbalanced output, each phase. AC couple to retrofit existing solar system. *Max. 10 pcs parallel for on-grid and off-grid. operation; Support multiple batteries parallel. Max. charging/discharging current of 240A. 48V battery, higher efficiency. 6 time periods for battery charging/discharging. Support storing energy from diesel generator.



Hybrid inverter Deye SUN-10K-SG05LP3-EU-SM2 10000W IP65

Product code 22251

Brand [Deye](#)

Output 10000W

Maximum output 12000W/1m

Protection class IP65

Warranty 5 years



Hybrid inverter Deye SUN-12K-SG01HP3-EU-AM2 hybrid HV batteries 12000W IP65

Product code 17114

Brand [Deye](#)

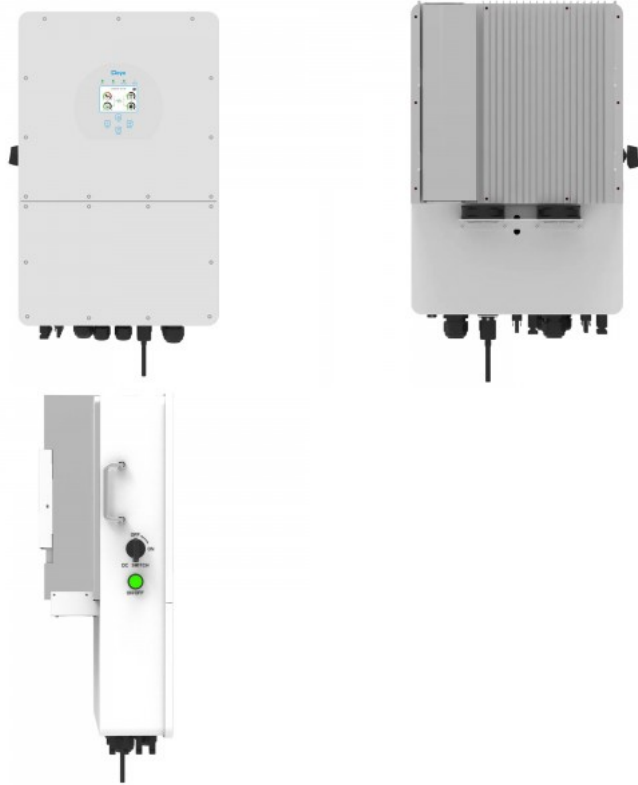
Output 12000W

Maximum output 12000W/1m

Protection class IP65

Warranty 5 years

100% unbalanced output, each phase. AC couple to retrofit existing solar system. *Max. 10 pcs parallel for on-grid and off-grid. operation; Support multiple batteries parallel. Max. charging/discharging current of 50A. High voltage battery, higher efficiency. 6 time periods for battery charging/discharging. Support storing energy from diesel generator.



Hybrid inverter Deye SUN-12K-SG02LP1-EU-AM3-PLUS 12000W IP65

Product code 22254

Brand [Deye](#)

Output 12000W

Maximum output 12000W/1m

Protection class IP65

Warranty 5 years

100% unbalanced output, each phase. AC couple to retrofit existing solar system. *Max. 10 pcs parallel for on-grid and off-grid. operation; Support multiple batteries parallel. Max. charging/discharging current of 240A. 48V battery, higher efficiency. 6 time periods for battery charging/discharging. Support storing energy from diesel generator.



Hybrid inverter Deye SUN-12K-SG04LP3 EU hybrid 48V batteries 12000W IP65

Product code 17003

Brand [Deye](#)

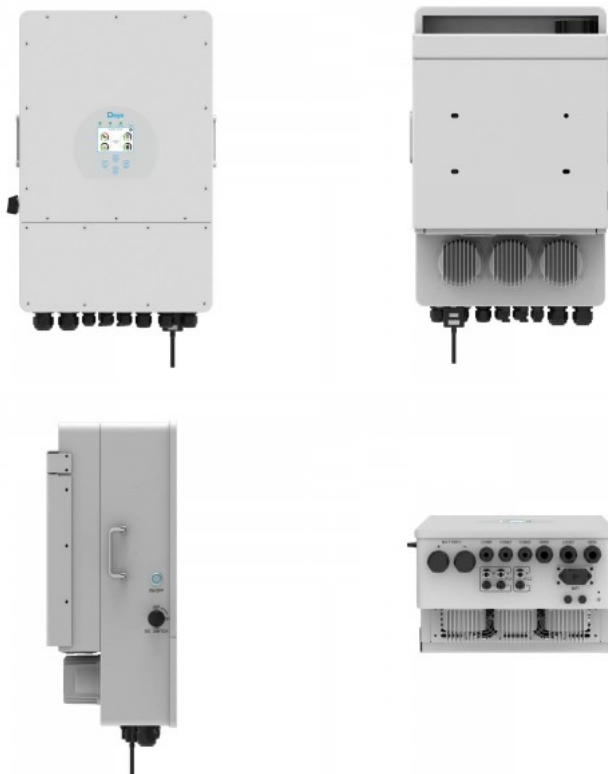
Output 12000W

Maximum output 12000W/1m

Protection class IP65

Warranty 5 years

100% unbalanced output, each phase.
AC couple to retrofit existing solar system. *Max. 10 pcs parallel for on-grid and off-grid. operation; Support multiple batteries parallel. Max. charging/discharging current of 240A. 48V battery, higher efficiency. 6 time periods for battery charging/discharging. Support storing energy from diesel generator.



Hybrid inverter Deye SUN-12K-SG05LP3-EU-SM2 12000W IP65

Product code 22252

Brand [Deye](#)

Output 12000W

Maximum output 12000W/1m

Protection class IP65

Warranty 5 years



Hybrid inverter Deye SUN-15K-SG05LP3-EU-SM2 15000W IP65

Product code 22244

Brand [Deye](#)

Output 15000W

Maximum output 12000W/1m

Protection class IP65

Warranty 5 years



Hybrid inverter Deye SUN-20K-SG01HP3-EU-AM2 hybrid HV batteries 20000W IP65

Product code 17115

Brand [Deye](#)

Output 20000W

Maximum output 20000W/1m

Protection class IP65

Warranty 5 years

100% unbalanced output, each phase.
AC couple to retrofit existing solar system. *Max. 10 pcs parallel for on-grid and off-grid. operation; Support multiple batteries parallel. Max. charging/discharging current of 50A. High voltage battery, higher efficiency. 6 time periods for battery charging/discharging. Support storing energy from diesel generator.



Hybrid inverter Deye SUN-20K-SG05LP3-EU-SM2 20000W IP65

Product code 22241

Brand [Deye](#)
 Output 20000W
 Maximum output 12000W/1m
 Protection class IP65
 Warranty 5 years



Hybrid inverter Deye SUN-25K-SG01HP3-EU-AM2 hybrid HV batteries 25000W IP65

Product code 17202

Brand [Deye](#)
 Output 25000W
 Maximum output 25000W/1m
 Protection class IP65
 Warranty 5 years

100% unbalanced output, each phase.
 AC couple to retrofit existing solar system. *Max. 10 pcs parallel for on-grid and off-grid. operation; Support multiple batteries parallel. Max. charging/discharging current of 50A. High voltage battery, higher efficiency. 6 time periods for battery charging/discharging. Support storing energy from diesel generator.



Hybrid inverter Deye SUN-30K-SG02HP3-EU-AM2 30000W IP65

Product code 22255

Brand [Deye](#)
 Output 30000W
 Maximum output 30000W/1m
 Protection class IP65
 Warranty 5 years



Hybrid inverter Deye SUN-50K-SG01HP3-EU-BM4 hybrid HV batteries 50000W IP65

Product code 17869

Brand [Deye](#)
 Output 50000W
 Maximum output 50000W/1m
 Protection class IP65
 Warranty 5 years

100% unbalanced output, each phase.
 AC couple to retrofit existing solar system. *Max. 10 pcs parallel for on-grid and off-grid. operation; Support multiple batteries parallel. Max. charging/discharging current of 50A. High voltage battery, higher efficiency. 6 time periods for battery charging/discharging. Support storing energy from diesel generator.



Hybrid inverter Deye SUN-5K-SG03LP1-EU 5000W IP65

Product code 22242

Brand [Deye](#)

Output 5000W

Maximum output 5000W/1m

Protection class IP65

Warranty 5 years

100% unbalanced output, each phase. AC couple to retrofit existing solar system. *Max. 10 pcs parallel for on-grid and off-grid. operation; Support multiple batteries parallel. Max. charging/discharging current of 50A. High voltage battery, higher efficiency. 6 time periods for battery charging/discharging. Support storing energy from diesel generator.



Hybrid inverter Deye SUN-6K-SG05LP1-AM2-PLUS 6000W IP65

Product code 22253

Brand [Deye](#)

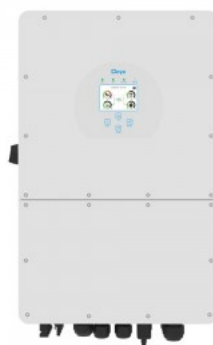
Output 6000W

Maximum output 5000W/1m

Protection class IP65

Warranty 5 years

100% unbalanced output, each phase. AC couple to retrofit existing solar system. *Max. 10 pcs parallel for on-grid and off-grid. operation; Support multiple batteries parallel. Max. charging/discharging current of 50A. High voltage battery, higher efficiency. 6 time periods for battery charging/discharging. Support storing energy from diesel generator.



Hybrid inverter Deye SUN-80K-SG02HP3-EU-EM6 80000W IP65

Product code 22245

Brand [Deye](#)

Output 80000W

Maximum output 50000W/1m

Protection class IP65

Warranty 5 years



Hybrid inverter Deye SUN-8K-SG04LP3 EU hybrid 48V batteries 8000W IP65

Product code 17769

Brand [Deye](#)

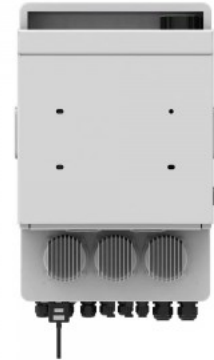
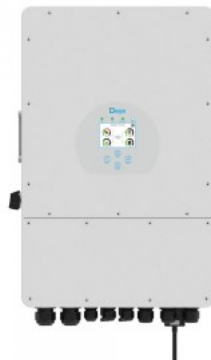
Output 8000W

Maximum output 12000W/1m

Protection class IP65

Warranty 5 years

100% unbalanced output, each phase. AC couple to retrofit existing solar system. *Max. 10 pcs parallel for on-grid and off-grid. operation; Support multiple batteries parallel. Max. charging/discharging current of 240A. 48V battery, higher efficiency. 6 time periods for battery charging/discharging. Support storing energy from diesel generator.



Hybrid inverter Deye SUN-8K-SG05LP1-EU 8000W IP65

Product code 22243

Brand [Deye](#)

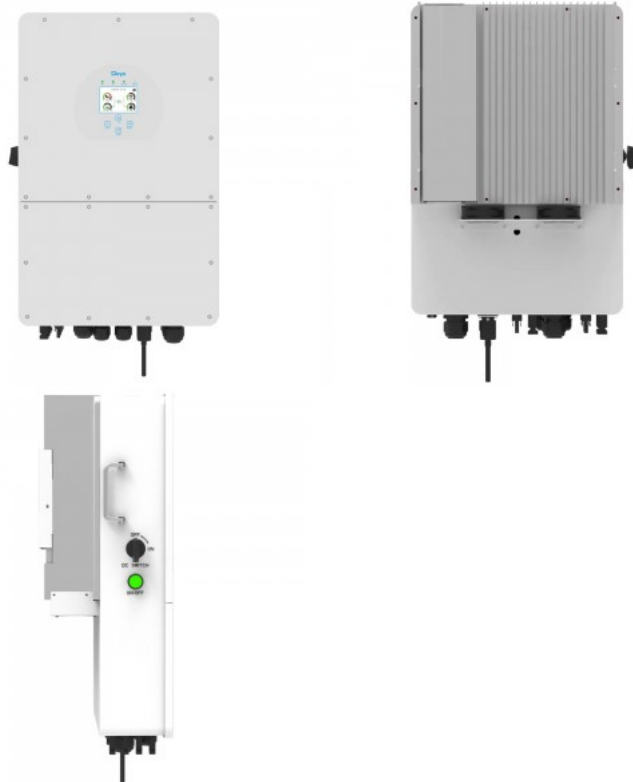
Output 8000W

Maximum output 5000W/1m

Protection class IP65

Warranty 5 years

100% unbalanced output, each phase. AC couple to retrofit existing solar system. *Max. 10 pcs parallel for on-grid and off-grid. operation; Support multiple batteries parallel. Max. charging/discharging current of 50A. High voltage battery, higher efficiency. 6 time periods for battery charging/discharging. Support storing energy from diesel generator.



Hybrid inverter Deye SUN-8K-SG05LP3-EU-SM2 8000W IP65

Product code 22250

Brand [Deye](#)

Output 8000W

Maximum output 12000W/1m

Protection class IP65

Warranty 5 years



Hybrid inverter DEYE-SUN-10K-SG02LP1-EU-AM3

Product code 22256

Brand [Deye](#)

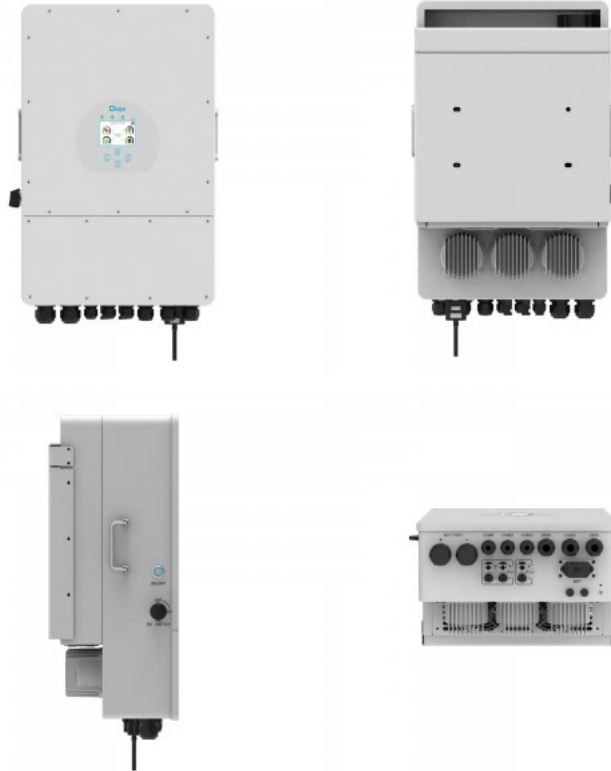
Output 10000W

Maximum output 12000W/1m

Protection class IP65

Warranty 5 years

100% unbalanced output, each phase. AC couple to retrofit existing solar system. *Max. 10 pcs parallel for on-grid and off-grid. operation; Support multiple batteries parallel. Max. charging/discharging current of 240A. 48V battery, higher efficiency. 6 time periods for battery charging/discharging. Support storing energy from diesel generator.

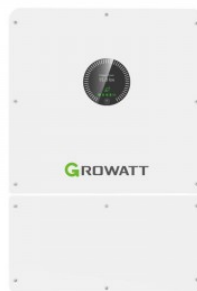


Inverter GROWATT WIT 15K-HU 48V LV Battery inverter 15000W IP66

Product code 19431

Brand [GROWATT](#)
 Output voltage 400V
 Output 15000W
 Maximum output 15000W/1m
 Rated current 50000mA
 Protection class IP66
 Operation temperature -30°C ...
 +60°C
 Warranty 5 years

Growatt WIT 4-15K-HU - versatile hybrid inverter for residential and commercial solutions The Growatt WIT 4-15K-HU series is designed for efficient solar energy production and storage, offering an inverter, battery charger, and grid connection in one device. These three-phase hybrid inverters are ideal for homes and small commercial projects where maximum self-consumption, energy independence, and reliable backup power are essential. Key Features: - Hybrid solution: combines solar energy generation, battery storage, and grid energy usage. - Three-phase output with 100% phase unbalance capability. - Built-in UPS function with a fast switchover time of up to 10 ms during power outages. - Ability to connect two battery clusters directly without an additional combiner box. - Supports 40-60 V lead-acid and lithium-ion batteries, including Growatt AXE low-voltage battery systems. - High efficiency: European efficiency up to 97%, MPPT efficiency up to 99.9%. - Integrated generator input and smart load control. - Maximum charge/discharge current up to 290 A (depending on the model). - IP66 protection rating and operating temperature range from -30°C to +60°C. Advantages: - Increases self-consumption and reduces dependence on the power grid. - Provides reliable backup power for critical loads. - Scalable - compatible with modular batteries for easy expansion. - Flexible installation for both indoor and outdoor environments. - Real-time monitoring via OLED/LED display and app. Technical Specifications (depending on the model): - Nominal AC power: 4 kW to 15 kW - Maximum recommended PV power: 6.4 kW to 24 kW - MPP trackers: 1-2 Suitability: This series is the perfect choice when the goal is to maximise solar energy utilisation, ensure a flexible battery solution, and maintain reliable operation even during power outages.



Hybrid inverter Sigenergy Sigen 10.0 TP2 10000W IP66

Product code 22215

Brand [Sigenergy](#)
Output 10000W
Maximum output 10000W/1m
Protection class IP66
Weight 19.5 kg
Work environment indoor / outdoor
use
Operation temperature -30°C - 60°C
Warranty 10 years



Hybrid inverter Sigenergy Sigen 12.0 TP2 12000W IP66

Product code 22284

Brand [Sigenergy](#)
Output 12000W
Maximum output 12000W/1m
Protection class IP66
Weight 19.5 kg
Work environment indoor / outdoor
use
Operation temperature -30°C - 60°C
Warranty 10 years



Hybrid inverter Sigenergy SigenStor EC 10.0 TP 10000W

Product code 17178

Brand [Sigenergy](#)

Output 10000W

Maximum output 10000W/1m

Warranty 10 years

Sigenergy follows the significant growth trend in the field of solar energy storage in recent years, offering smart, modern, and cost-effective energy solutions in the energy storage and electric vehicle sectors. The company's strategy strongly emphasizes AI-supported systems. SigenStor is Sigenergy's signature 5-in-1 energy storage system suitable for both residential and commercial use. For residential use, storage capacity can be increased up to 48 kWh, and for commercial use, up to 480 kWh by combining a total of ten blocks. SigenStor sets a milestone in terms of versatility and scalability. SigenStor seamlessly integrates a solar power station inverter, electric vehicle direct current charger (EV DC Charger), battery voltage regulator (Battery PCS), battery pack (Battery Pack), and energy management system (EMS) into one system block.



Hybrid inverter Sigenergy SigenStor EC 12.0 TP 12000W

Product code 17397

Brand [Sigenergy](#)

Output 12000W

Maximum output 12000W/1m

Height 300.0mm

Width 700.0mm

Length 268.0mm

Weight 18 kg

Warranty 10 years

Sigenergy follows the significant growth trend in the field of solar energy storage in recent years, offering smart, modern, and cost-effective energy solutions in the energy storage and electric vehicle sectors. The company's strategy strongly emphasizes AI-supported systems. SigenStor is Sigenergy's signature 5-in-1 energy storage system suitable for both residential and commercial use. For residential use, storage capacity can be increased up to 48 kWh, and for commercial use, up to 480 kWh by combining a total of ten blocks. SigenStor sets a milestone in terms of versatility and scalability. SigenStor seamlessly integrates a solar power station inverter, electric vehicle direct current charger (EV DC Charger), battery voltage regulator (Battery PCS), battery pack (Battery Pack), and energy management system (EMS) into one system block.



Hybrid inverter Sigenergy SigenStor EC 15.0 TP 15000W

Product code 17038

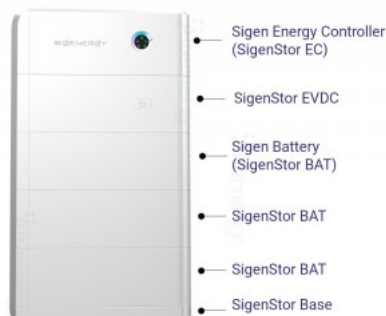
Brand [Sigenergy](#)

Output 15000W

Maximum output 15000W/1m

Warranty 10 years

Sigenergy follows the significant growth trend in the field of solar energy storage in recent years, offering smart, modern, and cost-effective energy solutions in the energy storage and electric vehicle sectors. The company's strategy strongly emphasizes AI-supported systems. SigenStor is Sigenergy's signature 5-in-1 energy storage system suitable for both residential and commercial use. For residential use, storage capacity can be increased up to 48 kWh, and for commercial use, up to 480 kWh by combining a total of ten blocks. SigenStor sets a milestone in terms of versatility and scalability. SigenStor seamlessly integrates a solar power station inverter, electric vehicle direct current charger (EV DC Charger), battery voltage regulator (Battery PCS), battery pack (Battery Pack), and energy management system (EMS) into one system block.



Hybrid inverter Sigenergy SigenStor EC 20.0 TP 20000W

Product code 17180

Brand [Sigenergy](#)

Output 20000W

Maximum output 20000W/1m

Warranty 10 years

Sigenergy follows the significant growth trend in the field of solar energy storage in recent years, offering smart, modern, and cost-effective energy solutions in the energy storage and electric vehicle sectors. The company's strategy strongly emphasizes AI-supported systems. SigenStor is Sigenergy's signature 5-in-1 energy storage system suitable for both residential and commercial use. For residential use, storage capacity can be increased up to 48 kWh, and for commercial use, up to 480 kWh by combining a total of ten blocks. SigenStor sets a milestone in terms of versatility and scalability. SigenStor seamlessly integrates a solar power station inverter, electric vehicle direct current charger (EV DC Charger), battery voltage regulator (Battery PCS), battery pack (Battery Pack), and energy management system (EMS) into one system block.



Hybrid inverter Sigenergy SigenStor EC 25.0 TP 25000W

Product code 17179

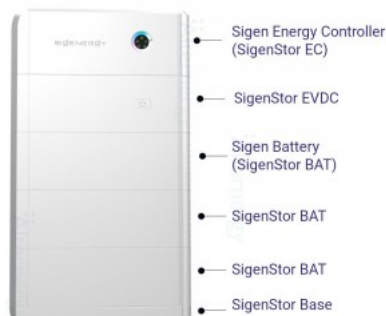
Brand [Sigenergy](#)

Output 25000W

Maximum output 25000W/1m

Warranty 10 years

Sigenergy follows the significant growth trend in the field of solar energy storage in recent years, offering smart, modern, and cost-effective energy solutions in the energy storage and electric vehicle sectors. The company's strategy strongly emphasizes AI-supported systems. SigenStor is Sigenergy's signature 5-in-1 energy storage system suitable for both residential and commercial use. For residential use, storage capacity can be increased up to 48 kWh, and for commercial use, up to 480 kWh by combining a total of ten blocks. SigenStor sets a milestone in terms of versatility and scalability. SigenStor seamlessly integrates a solar power station inverter, electric vehicle direct current charger (EV DC Charger), battery voltage regulator (Battery PCS), battery pack (Battery Pack), and energy management system (EMS) into one system block.



Hybrid inverter Sigenergy SigenStor EC 30.0 TP 30000W

Product code 20017

Brand [Sigenergy](#)

Output 30000W

Maximum output 30000W/1m

Warranty 10 years

Sigenergy follows the significant growth trend in the field of solar energy storage in recent years, offering smart, modern, and cost-effective energy solutions in the energy storage and electric vehicle sectors. The company's strategy strongly emphasizes AI-supported systems. SigenStor is Sigenergy's signature 5-in-1 energy storage system suitable for both residential and commercial use. For residential use, storage capacity can be increased up to 48 kWh, and for commercial use, up to 480 kWh by combining a total of ten blocks. SigenStor sets a milestone in terms of versatility and scalability. SigenStor seamlessly integrates a solar power station inverter, electric vehicle direct current charger (EV DC Charger), battery voltage regulator (Battery PCS), battery pack (Battery Pack), and energy management system (EMS) into one system block.



Hybrid inverter Sigenergy SigenStor EC 5.0 SP 5000W

Product code 23217

Brand [Sigenergy](#)

Output 5000W

Maximum output 5000W/1m

Warranty 10 years

Sigenergy follows the significant growth trend in the field of solar energy storage in recent years, offering smart, modern, and cost-effective energy solutions in the energy storage and electric vehicle sectors. The company's strategy strongly emphasizes AI-supported systems. SigenStor is Sigenergy's signature 5-in-1 energy storage system suitable for both residential and commercial use. For residential use, storage capacity can be increased up to 48 kWh, and for commercial use, up to 480 kWh by combining a total of ten blocks. SigenStor sets a milestone in terms of versatility and scalability. SigenStor seamlessly integrates a solar power station inverter, electric vehicle direct current charger (EV DC Charger), battery voltage regulator (Battery PCS), battery pack (Battery Pack), and energy management system (EMS) into one system block.

