# 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 retrofifit 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 effifiiciency. 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



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# 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 retrofifit 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 effifiiciency. 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 retrofifit 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 effifiiciency. 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 retrofifit 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 effifiency. 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



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# 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 retrofifit 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 effifficiency. 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 retrofifit 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 effifiiciency. 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 retrofifit 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 effifiiciency. 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 retrofifit 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 effifiiciency. 6 time periods for battery charging/discharging. Support storing energy from diesel generator.

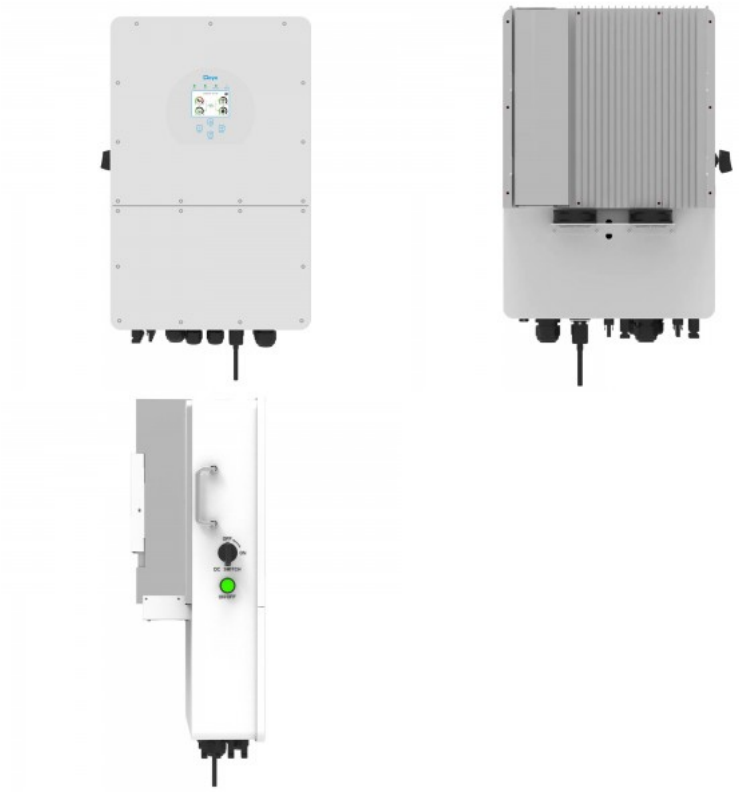


# Hybrid inverter Deye SUN-6K-SG05LP1-AM2-PLUS 6000W IP65

**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 retrofifit 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 effifiiciency. 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 retrofifit 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 effifiency. 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 retrofifit 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 effifiiciency. 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



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# 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 retrofifit 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 effifiency. 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.