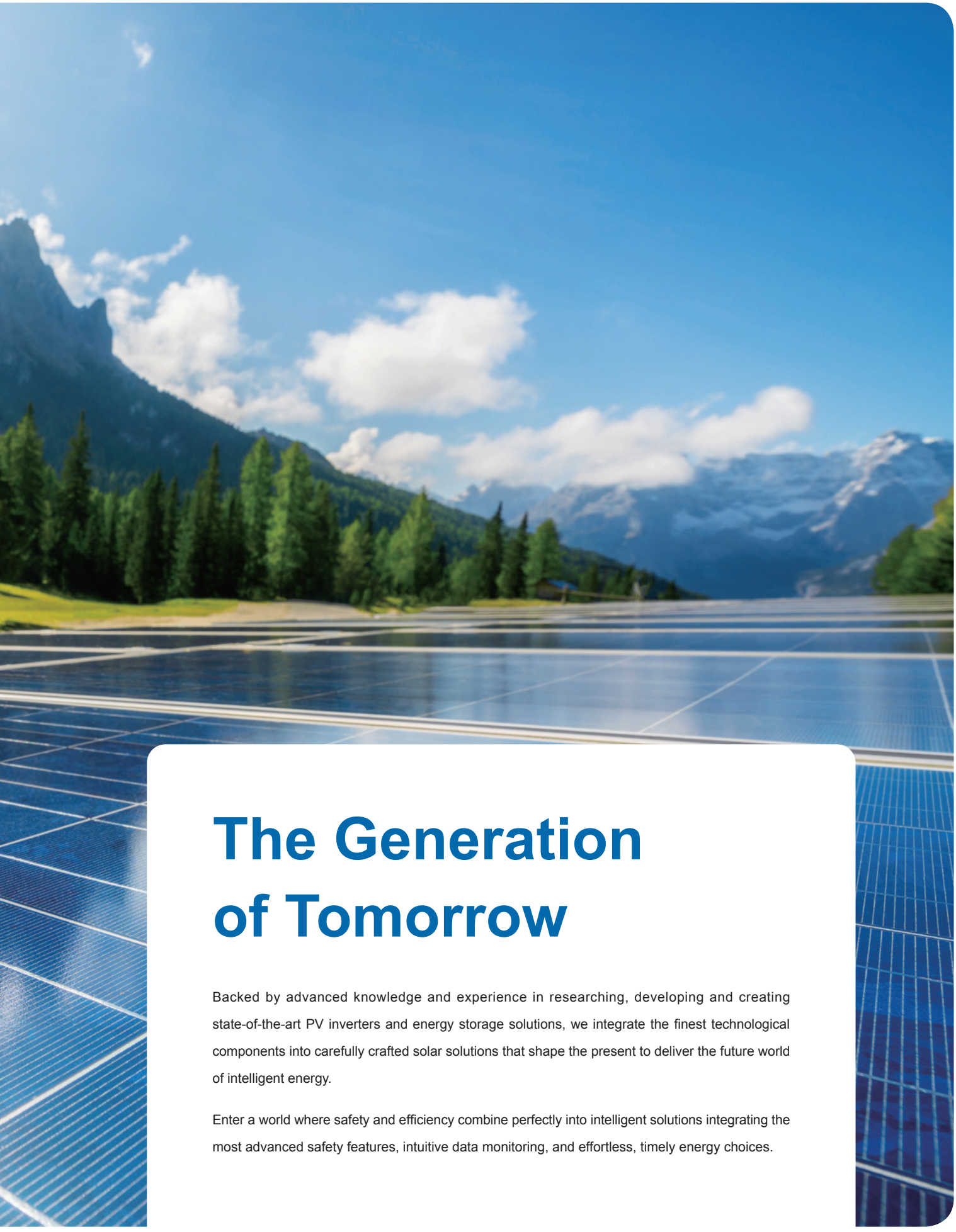
# Intelligent
# Solar Inverter

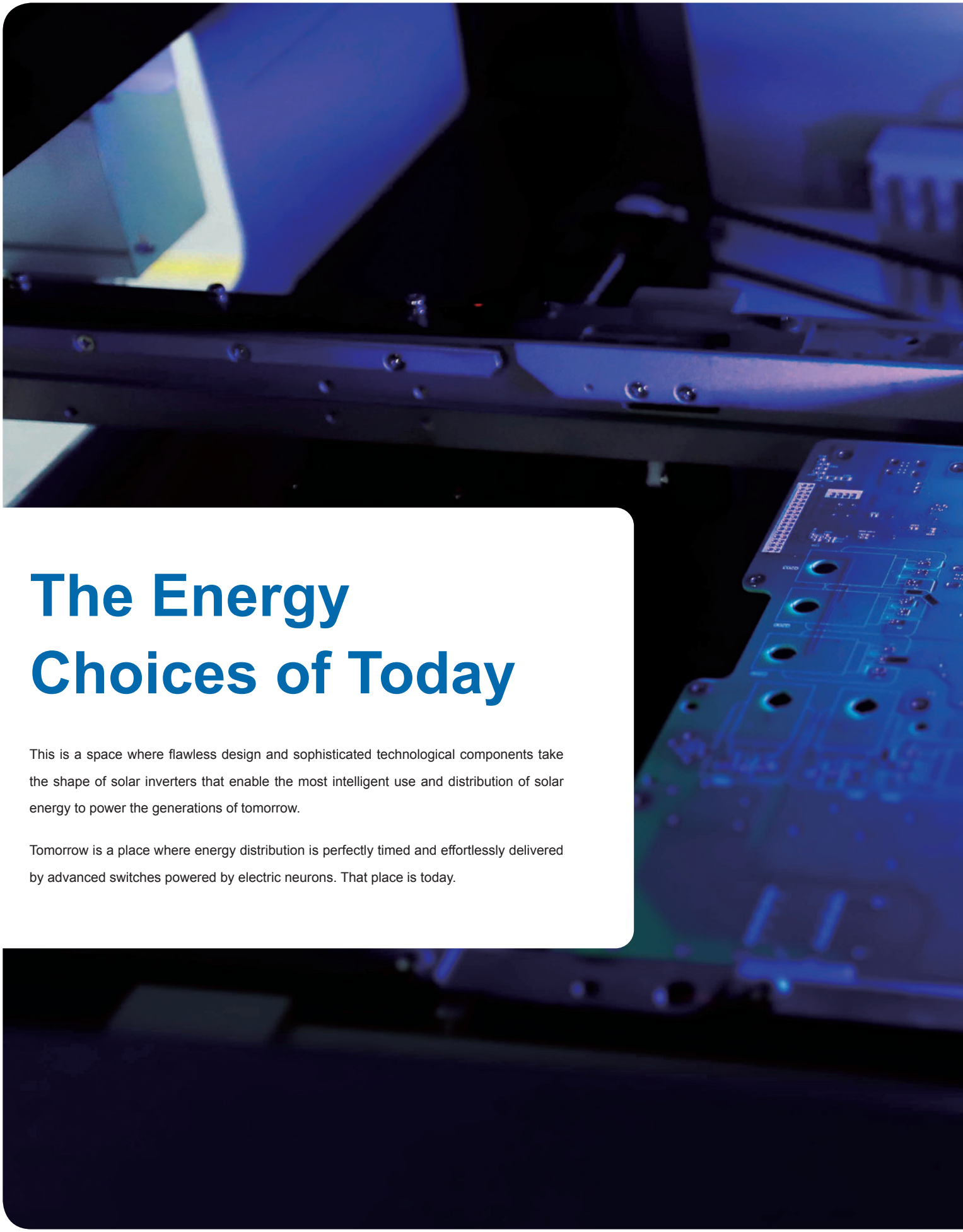
www.gesolarinverter.com



# The Generation of Tomorrow

Backed by advanced knowledge and experience in researching, developing and creating state-of-the-art PV inverters and energy storage solutions, we integrate the finest technological components into carefully crafted solar solutions that shape the present to deliver the future world of intelligent energy.

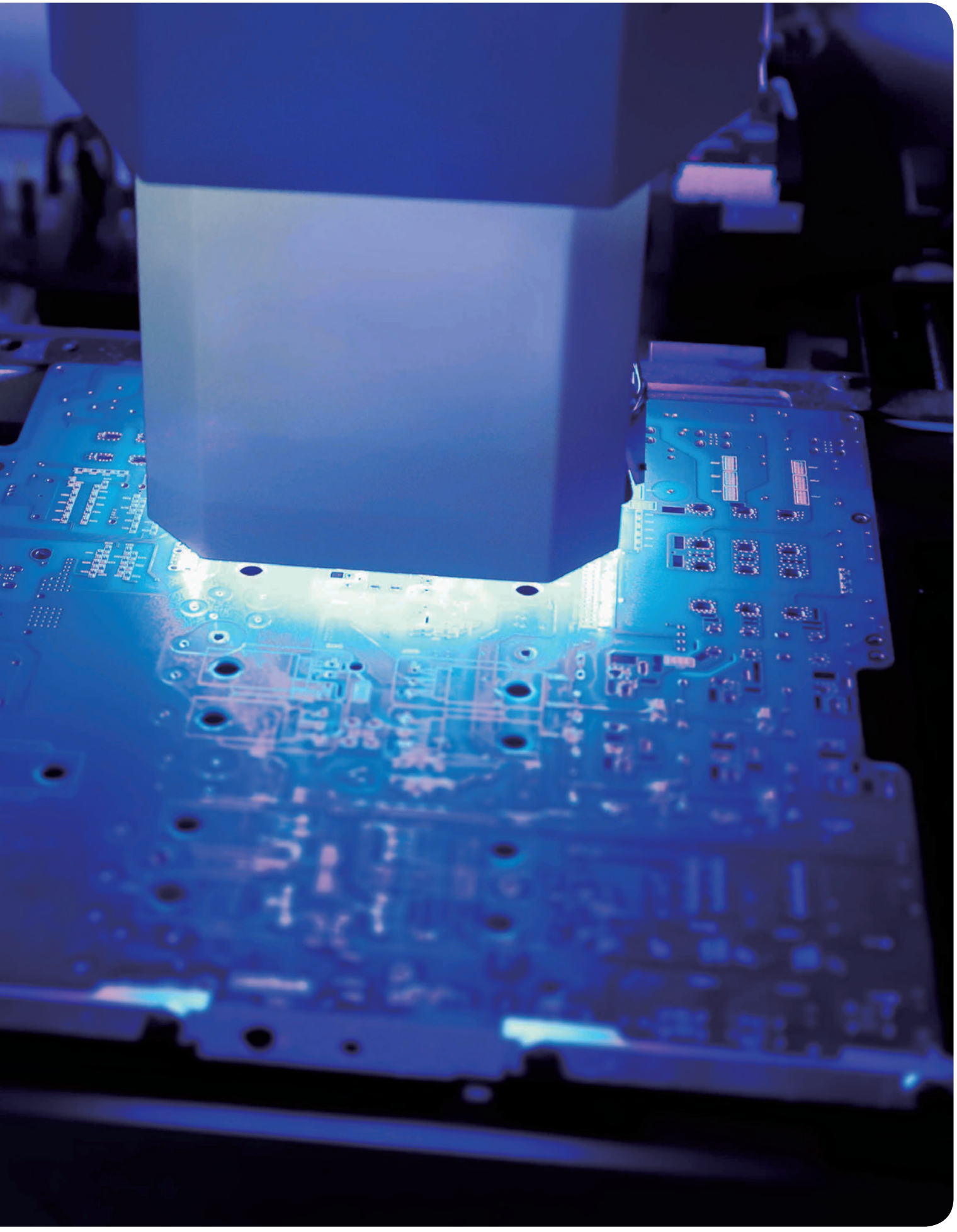
Enter a world where safety and efficiency combine perfectly into intelligent solutions integrating the most advanced safety features, intuitive data monitoring, and effortless, timely energy choices.



# The Energy Choices of Today

This is a space where flawless design and sophisticated technological components take the shape of solar inverters that enable the most intelligent use and distribution of solar energy to power the generations of tomorrow.

Tomorrow is a place where energy distribution is perfectly timed and effortlessly delivered by advanced switches powered by electric neurons. That place is today.



# GEP 3-5kW

2 MPPT | Single-phase

**GEP3.6-1-10** **GEP4.2-1-10** **GEP5.0-1-10**

**With beautiful aesthetics and user friendly design, GEP 3-5kW has an elegant screen and is light and easy to install. Despite its reduced size, this petite model is capable of 50% DC oversizing, 10% AC overloading and 98.3% max efficiency, which gives it a unique competitive edge. With 13A max. input current per string, it is compatible with different types of modules. The latest and most advanced safety features are intelligently integrated and packed in this compact albeit powerful model.**

## Inbuilt DC Isolator

**With a built-in PV II switch and an internal plastic board ensuring insulation, the inverter doesn't require an external DC disconnector for installation in Australia, reducing costs while ensuring safety.**

## Inbuilt Export Control

**Inbuilt export control enables the inverter to adjust AC output according to local DNSP (Distributed Network Service Provider) requirements.**


# Elegant Aesthetic Design

Elegance and power combine perfectly in this compact yet powerful inverter with a color LED screen.


# Plug & Play

The Plug & Play AC connectors enhance the system's flexibility, making operation and maintenance more convenient. It does not require cover removal during wiring, for maximum comfort and ease of installation.


# Superior Efficiency

This inverter allows 50% DC oversizing and 10% AC overloading to maximize yields, and enhance system efficiency. Its max efficiency of 98.3% is truly exceptional and gives it a unique competitive edge in the single-phase residential solar segment.

# GEP 4.6-10kW

3 MPPT | Single-phase

**GEP5.0-1C-10** **GEP8.5-1-10** **GEP10-1-10**

**The GEP 4.6-10kW is the ultimate solution to cater for the residential segment's rising expectations. This powerful single-phase model boasts 3 MPPT for maximum power retention and absolute minimum power loss. With a startup voltage of only 80V, this superior, intelligently efficient inverter is specifically designed to harness solar power from sunrise to sunset regardless of irradiation and weather conditions. Extra reflections from the backside of bifacial panels drive the inverter to its maximum capacity and unleash its full potential of 100% DC oversizing, allowing for up to 10% AC overloading. All these features intelligently packed into a light-weight model for a comfortable installation.**

**Inbuilt DC Isolator**

**Inbuilt Export Control**

**13A Per String**



# 3 MPPT

A single phase on-grid inverter for residential applications. This versatile inverter is equipped with 3 MPP trackers, which makes it perfectly suited to complex rooftops, covering all rooftop corners and maximizing total solar generation. With up to 100% DC oversizing capability, this inverter can harvest a lot more solar energy for customers.

# Compatible with High Power Modules

With 13A max. input current per string, GEP Series is compatible with different types of modules, which ensures more solar power absorption and makes it one of the most productive inverters on the market.

# Smart Shadow Scan

With Shadow Scan function activated, the MPP tracker scans the maximum power point regularly to make sure the inverter works at the maximum power of PV strings, minimizing the impact of partial shadows caused by occasional debris, dirt or chimney or tree shading on solar systems, thus producing more electricity when shading occurs.

# GEP 29.9-60kW

Up to 6 MPPT | Three-phase

**GEP29.9-10** **GEP50-10** **GEP60-10**

**The GEP 29.9-60kW has been designed to meet the increasing expectations from the C&I segment. The GEP 29.9-60kW offers up to 6 MPPT and is the ultimate solution for commercial rooftop PV systems. This future-ready machine comes with incorporated I-V curve diagnosis, film capacitor and fuse-free design, optional anti-PID function, Type I surge protection on the DC side and AC terminal temperature detection, ensuring faster trouble-shooting, longer life-span and maximum safety. The GEP 29.9-60kW requires minimum O&M and offers an improved overall user experience for maximum comfort and minimum operation. All these intelligent features make the GEP 29.9-60kW one of the most future-proof inverters in its class.**

**Inbuilt DC Isolator**

**Inbuilt Export Control**

**13A Per String**

# Upgraded Safety

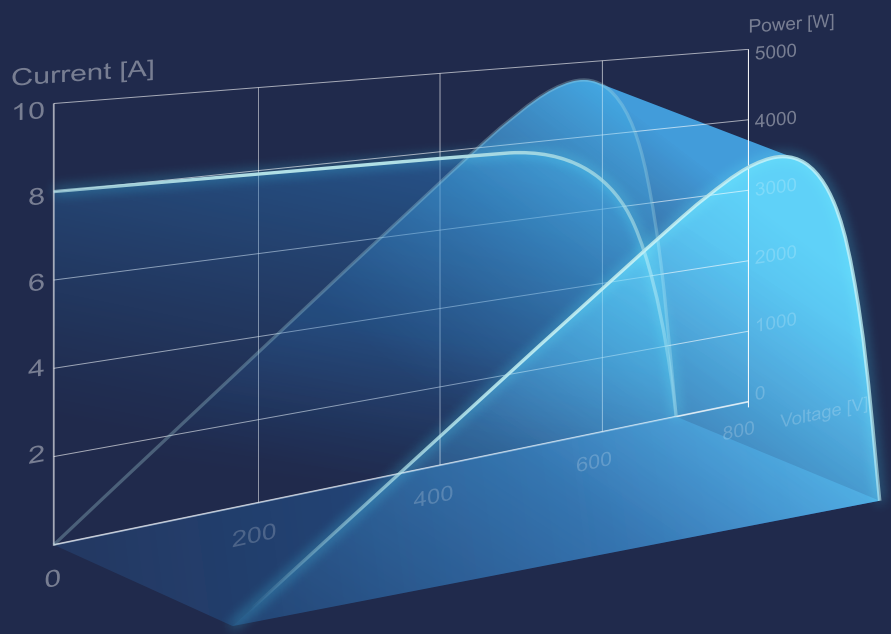
Optional Type I surge protection on the DC side (default Type II for both AC & DC sides) can limit the impact of lightning on the inverter, providing all-round protection for the PV system and upgraded safety and reliability. The application of high-tech fuse-free design provides reliability while reducing system O&M costs.


# Full-load Running at 50°C

With a wide operating temperature ranging from -30°C to 60°C, this inverter has a truly outstanding temperature tolerance range. Its ability to run at full load even when temperatures reach 50°C, bring increased power generation and long-term returns, especially for operation in hot regions.

# IV-Curve Diagnosis

This intelligent inverter performs remote scanning of all PV strings and monitors the entire system at string level. By diagnosing the curve of I (current) and V (voltage), the monitoring platform allows intelligent detection of voltage and current issues, ensuring instant and accurate fault location and greatly improving O&M efficiency, as well as bringing down maintenance costs.



# GEH 5-10kW

Up to 4 MPPT | Single-phase Hybrid

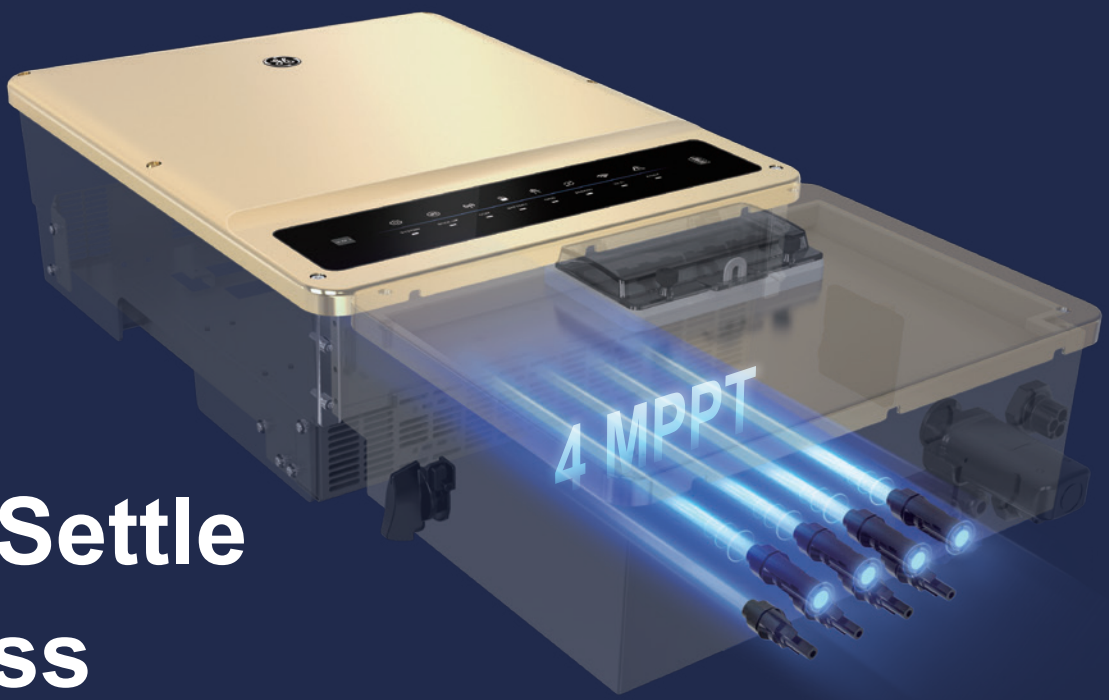
**GEH5.0-1U-10** **GEH8.6-1U-10** **GEH10-1U-10**

**Discover this unique single-phase hybrid inverter that offers up to four MPPTs, is compatible with high voltage (80-495V) batteries and has a power capacity ranging from 5kW to 10kW. Homeowners can now experience the ultimate solution for maximizing generation and self-consumption in comfort and security. Intelligent mechanisms are timely activated to ensure power supply to critical loads when most needed. With up to 4 MPPTs, this inverter seamlessly adapts to complex rooftops on large residential properties. It is equipped with rapid battery charge and is perfectly capable of powering large loads in back-up mode. This champion of energy independence integrates intelligent safety features that are second to none. When the grid is compromised, UPS-level switching allows the inverter to switch to back-up mode in less than 10ms. Loads connected to the back-up stay powered on and ensure the safety of your electrical appliances. AFCI (Arc-fault current interrupter) and rapid shutdown likewise ensure the safety of the whole PV system, offering freedom and security all in one.**

**Maximum Safety**

**Rapid Installation**

**10kW Full Backup Capacity up to 10 kW**




# Don’t Settle for Less

Complex rooftop management - The GEH is equipped with up to 4 MPPTs – the measured solution that can feed solar power to large residential properties and enables flexible PV string configurations for rooftop of different azimuth or tilt, maximizing total solar generation for the homeowner. We understand that not all roofs were originally designed to accommodate solar arrays. That is why we have designed intelligent solutions that read and analyze your rooftop area and respond in the most energy-efficient way.

# Intelligent Safety – AFCI & RSD

Active Arc Protection: Detects arc fault failure, sends alarms through the monitoring system and breaks the circuit simultaneously. Efficiency and reliability delivered. Rapid shutdown (RSD): Safety First. GEH Series is embedded with Tigo RSS Transmitter, which facilitates module-level rapid shutdown and ensures safe conditions on the roof in any situation.

# Keep Smiling When the Grid is Down

UPS-level Switch Time: Protect your appliances with UPS-level Switching. When the grid is down or compromised, loads connected to the backup receive continuous power supply with zero interruptions.  When operating in backup function, this inverter provides you with 120% of peak output overloading for 60s.

# GEP 3-5kW

2 MPPT | Single-phase

| Technical Data | GEP3.6-1-10 | GEP4.2-1-10 | GEP5.0-1-10 |
|---|---|---|---|
| **PV String Input Data** | | | |
| Max. DC Input Power (W) | 5500 | 6300 | 7500 |
| Max. DC Input Voltage (V) | 600 | 600 | 600 |
| MPPT Range (V) | 80~550 | 80~550 | 80~550 |
| Start-up Voltage (V) | 80 | 80 | 80 |
| Min. Feed-in Voltage(V) | 100 | 100 | 100 |
| Nominal DC Input Voltage (V) | 360 | 360 | 360 |
| PV Input Operating Voltage range (V) | 80~600 | 80~600 | 80~600 |
| Max. Inverter Backfeed Current To The array (A) | 0 | 0 | 0 |
| Max. Input Current (A) | 13/13 | 13/13 | 13/13 |
| Max. Short Current (A) | 16.3/16.3 | 16.3/16.3 | 16.3/16.3 |
| No. of MPP Trackers | 2 | 2 | 2 |
| No. of Input Strings per Tracker | 1 | 1 | 1 |
| **AC Output Data** | | | |
| Nominal Output Power (W) | 3600 | 4200 | 4999 |
| Max. Output Apparent Power (VA) | 3960 | 4620 | 4999 |
| Nominal Output Voltage (V) | 230 | 230 | 230 |
| Nominal Output Frequency (Hz) | 50 | 50 | 50 |
| Max. Output Current (A) | 18 | 21 | 21.7 |
| Output Power Factor | ~1 (Adjustable from 0.8 leading to 0.8 lagging) | | |
| Output THDi (@Nominal Output) | <3% | <3% | <3% |
| Current (inrush) | 130 | 130 | 130 |
| Maximum Output Fault Current | 155 | 155 | 155 |
| Maximum Output Over Current Protection (A) | 50 | 50 | 50 |
| **Efficiency** | | | |
| Max. Efficiency | 98.3% | 98.3% | 98.3% |
| European Efficiency | 97.5% | 97.6% | 97.8% |
| **Protection** | | | |
| Anti-islanding Protection | Integrated | Integrated | Integrated |
| Input Reverse Polarity Protection | Integrated | Integrated | Integrated |
| Insulation Resistor Detection | Integrated | Integrated | Integrated |
| DC SPD Protection | Integrated (Type II) | Integrated (Type II) | Integrated (Type II) |
| AC SPD Protection | Integrated (Type II) | Integrated (Type II) | Integrated (Type II) |
| Residual Current Monitoring Unit | Integrated | Integrated | Integrated |
| Output Over Current Protection | Integrated | Integrated | Integrated |
| Output Short Protection | Integrated | Integrated | Integrated |
| Output Over Voltage Protection | Integrated | Integrated | Integrated |
| Protective Class | DC II; AC III | DC II; AC III | DC II; AC III |
| Decisive Voltage Classification (DVC) | C | C | C |
| **General Data** | | | |
| Operating Temperature Range (°C) | -25~60 | -25~60 | -25~60 |
| Relative Humidity | 0~100% | 0~100% | 0~100% |
| Cooling | Natural Convection | Natural Convection | Natural Convection |
| User Interface | LCD&LED | LCD&LED | LCD&LED |
| Communication | Wi-Fi / RS485 / LAN(Optional) | Wi-Fi / RS485 / LAN(Optional) | Wi-Fi / RS485 / LAN(Optional) |
| Weight (kg) | 11 | 11 | 11 |
| Size (Width*Height*Depth mm) | 336*400*124 | 336*400*124 | 336*400*124 |
| Protection Degree | IP65 | IP65 | IP65 |
| Night Self Consumption (W) | <1 | <1 | <1 |
| Topology | Transformerless | Transformerless | Transformerless |

# GEP 4.6-10kW

3 MPPT | Single-phase

| Technical Data | GEP5.0-1C-10 | GEP8.5-1-10 | GEP10-1-10 |
|---|---|---|---|
| **PV String Input Data** | | | |
| Max. DC Input Power (W) | 10000 | 13500 | 13500 |
| Max. DC Input Voltage (V) | 600 | 600 | 600 |
| MPPT Range (V) | 80~550 | 80~550 | 80~550 |
| Start-up Voltage (V) | 80 | 80 | 80 |
| Min. Feed-in Voltage(V) | 120 | 120 | 120 |
| Nominal DC Input Voltage (V) | 360 | 360 | 360 |
| PV Input Operating Voltage range (V) | 80~600 | 80~600 | 80~600 |
| Max. Inverter Backfeed Current To The array (A) | 0 | 0 | 0 |
| Max. Input Current (A) | 13/13/13 | 13/13/13 | 13/13/13 |
| Max. Short Current (A) | 16.3/16.3/16.3 | 16.3/16.3/16.3 | 16.3/16.3/16.3 |
| No. of MPP Trackers | 3 | 3 | 3 |
| No. of Input Strings per Tracker | 1/1/1 | 1/1/1 | 1/1/1 |
| **AC Output Data** | | | |
| Nominal Output Power (W) | 4999 | 8500 | 10000 |
| Max. Output Apparent Power (VA) | 4999 | 9350 | 10000 |
| Nominal Output Voltage (V) | 230 | 230 | 230 |
| Nominal Output Frequency (Hz) | 50 | 50 | 50 |
| Max. Output Current (A) | 21.7 | 42.5 | 45.5 |
| Output Power Factor | ~1 (Adjustable from 0.8 leading to 0.8 lagging) | | |
| Output THDi (@Nominal Output) | <3% | <3% | <3% |
| Current (inrush) | 150 | 150 | 150 |
| Maximum Output Fault Current | 120 | 120 | 120 |
| Maximum Output Over Current Protection (A) | 80 | 90 | 90 |
| **Efficiency** | | | |
| Max. Efficiency | 97.7% | 97.8% | 97.8% |
| European Efficiency | 97.3% | 97.5% | 97.5% |
| **Protection** | | | |
| Anti-islanding Protection | Integrated | Integrated | Integrated |
| Input Reverse Polarity Protection | Integrated | Integrated | Integrated |
| Insulation Resistor Detection | Integrated | Integrated | Integrated |
| DC SPD Protection | Integrated (Type II) | Integrated (Type II) | Integrated (Type II) |
| AC SPD Protection | Integrated (Type II) | Integrated (Type II) | Integrated (Type II) |
| Residual Current Monitoring Unit | Integrated | Integrated | Integrated |
| Output Over Current Protection | Integrated | Integrated | Integrated |
| Output Short Protection | Integrated | Integrated | Integrated |
| Output Over Voltage Protection | Integrated | Integrated | Integrated |
| Protective Class | DC II; AC III | DC II; AC III | DC II; AC III |
| Decisive Voltage Classification (DVC) | C | C | C |
| **General Data** | | | |
| Operating Temperature Range (°C) | -25~60 | -25~60 | -25~60 |
| Relative Humidity | 0~100% | 0~100% | 0~100% |
| Cooling | Natural Convection | Natural Convection | Natural Convection |
| User Interface | LCD&LED | LCD&LED | LCD&LED |
| Communication | Wi-Fi / RS485 / LAN(Optional) | Wi-Fi / RS485 / LAN(Optional) | Wi-Fi / RS485 / LAN(Optional) |
| Weight (kg) | 22.5 | 22.5 | 22.5 |
| Size (Width*Height*Depth mm) | 511*415*175 | 511*415*175 | 511*415*175 |
| Protection Degree | IP65 | IP65 | IP65 |
| Night Self Consumption (W) | <1 | <1 | <1 |
| Topology | Transformerless | Transformerless | Transformerless |

# GEP 12-36kW

3 MPPT | Three-phase

| Technical Data | GEP29.9-10 |
|---|---|
| **PV String Input Data** | |
| Max. DC Input Power (W) | 45000 |
| Max. DC Input Voltage (V) | 1100 |
| MPPT Range (V) | 200~950 |
| Start-up Voltage (V) | 180 |
| Nominal DC Input Voltage (V) | 600 |
| Max. Input Current (A) | 26/26/26 |
| Max. Short Current (A) | 33/33/33 |
| No. of MPP Trackers | 3 |
| No. of Input Strings per Tracker | 2/2/2 |
| **AC Output Data** | |
| Nominal Output Power (W) | 29900 |
| Max. Output Power (W) | 29900 |
| Max. Output Apparent Power (VA) | 29900 |
| Nominal Output Voltage (V) | 400, 3L/N/PE or 3L/PE |
| Nominal Output Frequency (Hz) | 50/60 |
| Max. Output Current (A) | 43.3 |
| Output Power Factor | ~1 (Adjustable from 0.8 leading to 0.8 lagging) |
| Output THDi (@Nominal Output) | <3% |
| **Efficiency** | |
| Max. Efficiency | 98.3% |
| European Efficiency | 98% |
| **Protection** | |
| Anti-islanding Protection | Integrated |
| Input Reverse Polarity Protection | Integrated |
| PV String Current Monitoring | Integrated |
| Anti-PID Function for Module | Optional |
| DC Surge Protection | Type II |
| AC Surge Protection | Type II |
| Residual Current Monitoring Unit | Integrated |
| Output Over Current Protection | Integrated |
| Output Short Protection | Integrated |
| Output Over Voltage Protection | Integrated |
| **General Data** | |
| Operating Temperature Range (°C) | -30~60 |
| Relative Humidity | 0~100% |
| Operating Altitude (m) | ≤3000 |
| Cooling | Fan Cooling |
| User Interface | LCD & LED or APP & LED |
| Communication | RS485, WiFi |
| Weight (kg) | 40 |
| Size (Width*Height*Depth mm) | 480*590*200 |
| Protection Degree | IP65 |
| Night Self Consumption (W) | <1 |
| Topology | Transformerless |

# GEP 30-60kW

Up to 6 MPPT | Three-phase

| Technical Data | GEP50-10 | GEP60-10 |
|---|---|---|
| **PV String Input Data** | | |
| Max. DC Input Power (W) | 75000 | 90000 |
| Max. DC Input Voltage (V) | 1100 | 1100 |
| MPPT Range (V) | 200~950 | 200~950 |
| Start-up Voltage (V) | 180 | 180 |
| Nominal DC Input Voltage (V) | 600 | 600 |
| Max. Input Current (A) | 26/26/26/26/26 | 26/26/26/26/26/26 |
| Max. Short Current (A) | 33/33/33/33/33 | 33/33/33/33/33/33 |
| No. of MPP Trackers | 5 | 6 |
| No. of Input Strings per Tracker | 2/2/2/2/2 | 2/2/2/2/2/2 |
| **AC Output Data** | | |
| Nominal Output Power (W) | 50000 | 60000 |
| Max. Output Power (W) | 55000 | 66000 |
| Max. Output Apparent Power (VA) | 55000 | 66000 |
| Nominal Output Voltage (V) | 400, 3L/N/PE or 3L/PE | 400, 3L/N/PE or 3L/PE |
| Nominal Output Frequency (Hz) | 50/60 | 50/60 |
| Max. Output Current (A) | 80 | 96 |
| Output Power Factor | ~1 (Adjustable from 0.8 leading to 0.8 lagging) | |
| Output THDi (@Nominal Output) | <3% | <3% |
| **Efficiency** | | |
| Max. Efficiency | 98.3% | 98.3% |
| European Efficiency | 98% | 98.0% |
| **Protection** | | |
| Anti-islanding Protection | Integrated | Integrated |
| Input Reverse Polarity Protection | Integrated | Integrated |
| PV String Current Monitoring | Integrated | Integrated |
| Anti-PID Function for Module | Optional | Optional |
| DC Surge Protection | Type II(Type I optional) | Type II(Type I optional) |
| AC Surge Protection | Type II | Type II |
| Residual Current Monitoring Unit | Integrated | Integrated |
| Output Over Current Protection | Integrated | Integrated |
| Output Short Protection | Integrated | Integrated |
| Output Over Voltage Protection | Integrated | Integrated |
| **General Data** | | |
| Operating Temperature Range (°C) | -30~60 | -30~60 |
| Relative Humidity | 0~100% | 0~100% |
| Operating Altitude (m) | ≤3000 | ≤3000 |
| Cooling | Fan Cooling | Fan Cooling |
| User Interface | LCD & LED or APP & LED | LCD & LED or APP & LED |
| Communication | RS485, WiFi | RS485, WiFi |
| Weight (kg) | 55 | 55 |
| Size (Width*Height*Depth mm) | 520*660*220 | 520*660*220 |
| Protection Degree | IP65 | IP65 |
| Night Self Consumption (W) | <1 | <1 |
| Topology | Transformerless | Transformerless |

# GEH 5-10kW

Up to 4 MPPT | Single-phase Hybrid

| Technical Data | GEH5.0-1U-10 | GEH8.6-1U-10 | GEH10-1U-10*7 |
|---|---|---|---|
| **Battery Input Data** | | | |
| Battery Type | Li-Ion (BYD HVM&HVS, LG RESH10-TypeR, GOODWE LX S-H) | | |
| Battery Voltage Range (V)*1 | 80~495 | | |
| Max. Charging Current (A) | 50 | | |
| Max. Discharging Current (A) | 50 | | |
| Charging Strategy for Li-Ion Battery | Self-adaption to BMS | | |
| **PV String Input Data** | | | |
| Max. DC Input Power (W) | 7500 | 12900 | 15000 |
| Max. DC Input Voltage (V)*2 | 600 | | |
| MPPT Range (V)*3 | 80~550 | | |
| Start-up Voltage (V) | 95 | | |
| MPPT Range for Full Load (V) | 200~500 | 255~500 | 300~500 |
| Nominal DC Input Voltage (V) | 380 | | |
| Max. Input Current (A) | 13/13/13 | 13/13/13/13 | |
| Max. Short Current (A) | 16.3/16.3/16.3 | 16.3/16.3/16.3/16.3 | |
| No. of MPP Trackers | 3 | 4 | |
| No. of Strings per MPP Tracker | 1/1/1 | 1/1/1/1 | |
| **AC Output Data (On-grid)** | | | |
| Nominal Output Voltage (V) | 230 Australia/220 Brazil | | |
| Nominal Output Frequency (Hz) | 50 Australia/60 Brazil | | |
| Max. Apparent Power Output to Grid (VA)*4 | 5000 | 8600 | 9500 (@220Vac); 10000 (@240Vac) |
| Max. Apparent Power from Grid (VA) | 6000 | 10000 | 10000 |
| Max. AC Current Output to Grid (A)*4 | 23 | 39 | 43.5 |
| Max. AC Current From Grid (A) | 27 | 45.5 | 45.5 |
| Output Power Factor | ~1 (Adjustable from 0.8 leading to 0.8 lagging) | | |
| Output THDi (@Nominal Output) | <3% | | |
| **AC Output Data (Back-up)** | | | |
| Nominal Output Voltage (V) | 230 (±2%) | | |
| Nominal Output Frequency (Hz) | 50 Australia/60 Brazil (±0.2%) | | |
| Automatic Switch Time (ms) | <10 | | |
| Output THDv (@Linear Load) | <3% | | |
| Max. Continuous Output Apparent Power (VA) | 5000 | 8600 | 9500 (@220Vac); 10000 (@230Vac) |
| Peak Output Apparent Power (VA)*5 | 6000, 60sec | 10320, 60sec | 12000, 60sec |
| Max. Continuous Output Current (A) | 23 | 39 | 43.5 |
| **Efficiency** | | | |
| PV Max. Efficiency | 97.6% | | |
| PV CEC Efficiency | 97.0% | | |
| Battery Charged By PV Max. Efficiency | 98.2% | | |
| Battery Charge/discharge to AC Max. Efficiency | 96.5% | | |
| **Protection** | | | |
| PV Arc Fault Detection | Optional | | |
| Rapid Shutdown System (RSS) Transmitter | Optional | | |
| DC&AC Breaker, AC Bypass Switch | Integrated | | |
| AC&DC SPD Type II | Integrated | | |
| Anti-islanding Protection | Integrated | | |
| PV String Input Reverse Polarity Protection | Integrated | | |
| Insulation Resistor Detection | Integrated | | |
| Residual Current Monitoring Unit | Integrated | | |
| Output Over Current Protection | Integrated | | |
| Back-up Output Short Protection | Integrated | | |
| Output Over Voltage Protection | Integrated | | |
| Battery Input Reverse Polarity Protection | Integrated | | |
| **General Data** | | | |
| Operating Temperature Range (°C) | -35~60 | | |
| Relative Humidity | 0~95% | | |
| Operating Altitude (m) | ≤4000 | | |
| Cooling | Intelligent Fan | | |
| Noise (dB) | <50 | | |
| User Interface | LED & APP (WiFi & Bluetooth) | | |
| DC&AC Power Connect Port | MC4 & ADAPTER WIELAND | | |
| Communication with BMS | RS485; CAN | | |
| Communication with Meter | RS485 | | |
| Communication with EMS | RS485 (Insulated) | | |
| Communicaiton with Portal | Wi-Fi | | |
| Communicaiton with RSD | SUNSPEC | | |
| Weight | 28.8kg | 32.3kg | |
| Size (Width*Height*Depth mm) | 415*791*175 | | |
| Mounting | Wall Bracket | | |
| Protection Degree | IP65 | | |
| Standby Self Consumption (W)*6 | <20 | | |
| Topology | Transformerless | | |

*1: Battery discharge/charge power limited by voltage.
*2: Inverter will not work when PV input voltage ≥585V.
*3: When there is no battery connected, inverter starts feeding in only if string voltage is higher than 200V.
*4: The grid feed in power for AS/NZS 4777.2 is limited to 4950VA & 21.7A.
*5: Can be reached only if PV and battery power is enough.
*6: No Back-up Output.
*7: The model name does not represent the rated power, please refer to the marked parameters for details.

# Intelligence Switched On

GE-20210219-AU-V1.1. Information may be subject to change without notice during product improving.

## Global Sales & Service Network

**Australia**
99 Walker Street North Sydney NSW 2060
T: +61 2 8415 9833
sales.au@gesolarinverter.com
support.au@gesolarinverter.com



Note: The technical data above mentioned may be modified in order to reflect continuous technical innovation and improvements achieved by the Manufacturer's R & D team. The Manufacturer has the sole right to make such modification at any time without further notice. Customers have the right to request the latest version of product datasheets and any commercial contracts that may be signed will be based on the most recent version of the datasheet at the moment of signing the contract.