

Driving the World's Smart Energy Future



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EcoSmart Home

Power Your Home with
Smart and Complete Energy Solution

Sustainable Energy Solutions for Every Home



Amidst the persistent surge in energy costs, homeowners are increasingly embracing solar power as a means to reduce electricity expenses and diminish dependency on fossil fuels. Now, more than ever, the need for sustainable energy solutions is paramount. GoodWe, an innovation-driven company with over a decade of expertise in the energy sector, presents GoodWe EcoSmart Home. The EcoSmart Home solutions empower homeowners with intelligent technology, paving the way for a greener future.



**Lowered Energy
Costs**



**Reliable Energy
at All Times**






**Ensured Safety and
Performance**



**Streamlined Solar
Monitoring**

Discovering GoodWe EcoSmart Home

GoodWe EcoSmart Home presents a complete solution for residential solar energy and storage needs. This comprehensive smart energy ecosystem seamlessly integrates PV, storage, backup, EV charging, and smart energy management, providing enhanced customer value and versatility for household energy requirements.

-  **Customized Solutions**
-  **Unified Service**
-  **One Platform Fits All**



Lowered Energy Costs

Efficient & Proven Inverters for Higher Yields

GoodWe offers a diverse selection of high-quality inverters renowned for their outstanding energy performance and remarkable efficiency across various applications.



ES G2 | 3-6 kW
Single Phase Hybrid Inverter (LV)

ET G2 | 6-15 kW
Three Phase Hybrid Inverter (HV)

ET | 15-30 kW
Three Phase Hybrid Inverter (HV)

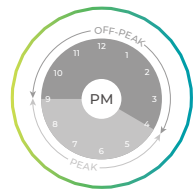


Economical Operation Logics for Various Scenarios

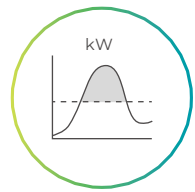
With four distinct working modes tailored to diverse energy consumption patterns, homeowners can maximize energy savings while enjoying continuous power supply.



Self-Consumption
Prioritizing the utilization of solar energy generated on-site, this mode optimizes energy usage within the premises, reducing dependency on grid electricity and consequently lowering energy costs.



Time-of-Use (ToU)
By intelligently adjusting energy consumption based on peak and off-peak electricity rates, this mode ensures efficient utilization of electricity during periods of lower tariffs, resulting in significant savings on energy bills.



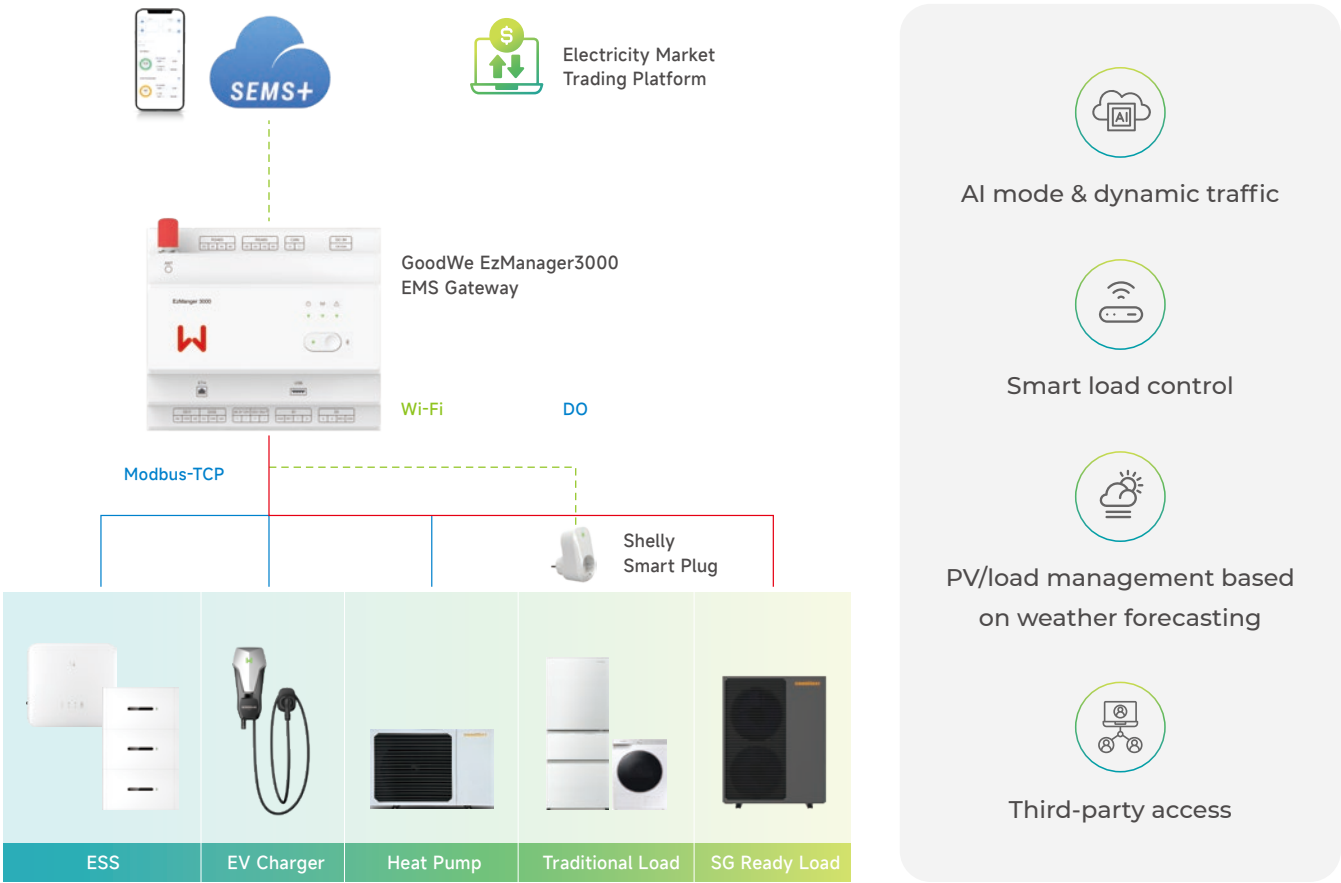
Peak Shaving
By strategically managing energy consumption during peak demand periods, this mode helps to mitigate spikes in electricity usage, reducing overall grid dependency and minimizing electricity expenses.



Backup Power
Backup mode seamlessly switches to stored energy reserves, providing continuous electricity to essential appliances and devices.

Lowered Energy Costs

HEMS: Smart Control for Sustainable Homes



GoodWe’s Home Energy Management System (HEMS) empowers homeowners to take control of their energy usage with smart, automated efficiency. By coordinating solar power, battery storage, and household consumption, HEMS ensures optimal energy flow throughout the home. Through real-time monitoring and intelligent load management, it helps maximize self-consumption, lower electricity costs, and enhance energy independence—bringing smarter, more sustainable living within reach.

Optimized Self-Consumption with External Load Integration

Charging your electric vehicle (EV) with solar energy presents a cost-efficient and sustainable solution. With EcoSmart Home solutions, external loads such as heat pumps, EV chargers, and other significant loads can be seamlessly integrated and activated, allowing for a more efficient energy usage.



HCA G2
AC EV Charger

- Single Phase - **7 kW**
 - Three Phase - **11/22 kW**
-
- Compatible with all EV brands
 - Smart and flexible charging
 - Transparent cost management
 - Complete PV+EV solution available



Reliable Energy at All Times

UPS Level Switch Time

The system seamlessly transitions to backup mode in under 10 milliseconds (UPS), ensuring powerful backup. Whether it's a storm, blackout, or unforeseen disruption, the UPS-level switching maintains your lights, appliances, and devices operational, providing uninterrupted comfort and peace of mind.

Unmatched Flexibility for Varied Energy Demands

Enjoy unmatched flexibility with our system, tailored to accommodate your unique energy needs. Whether it's adding inverters or stacking batteries, our solution adapts seamlessly to your needs.

Paralleled inverters for changing energy needs

The parallel connection feature of GoodWe inverters enables seamless system expansion, offering scalability and flexibility to adapt to evolving energy needs. By connecting the GoodWe EzLink3000 to the master inverter, communication among paralleled inverters is automatically established, eliminating the need for individual configuration. This streamlined integration allows homeowners to efficiently optimize energy production and distribution.



Expandable battery solutions for diverse energy requirements

To enhance grid independence and maximize savings, homeowners have the option to stack multiple batteries or battery modules. This flexibility allows you to tailor an energy storage system precisely to match your household's unique requirements.



1 to 4 modules stackable

| Ensured Safety and Performance



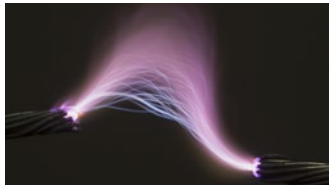
All-round Electrical Safety



Waterproof
IP66 ingress protection



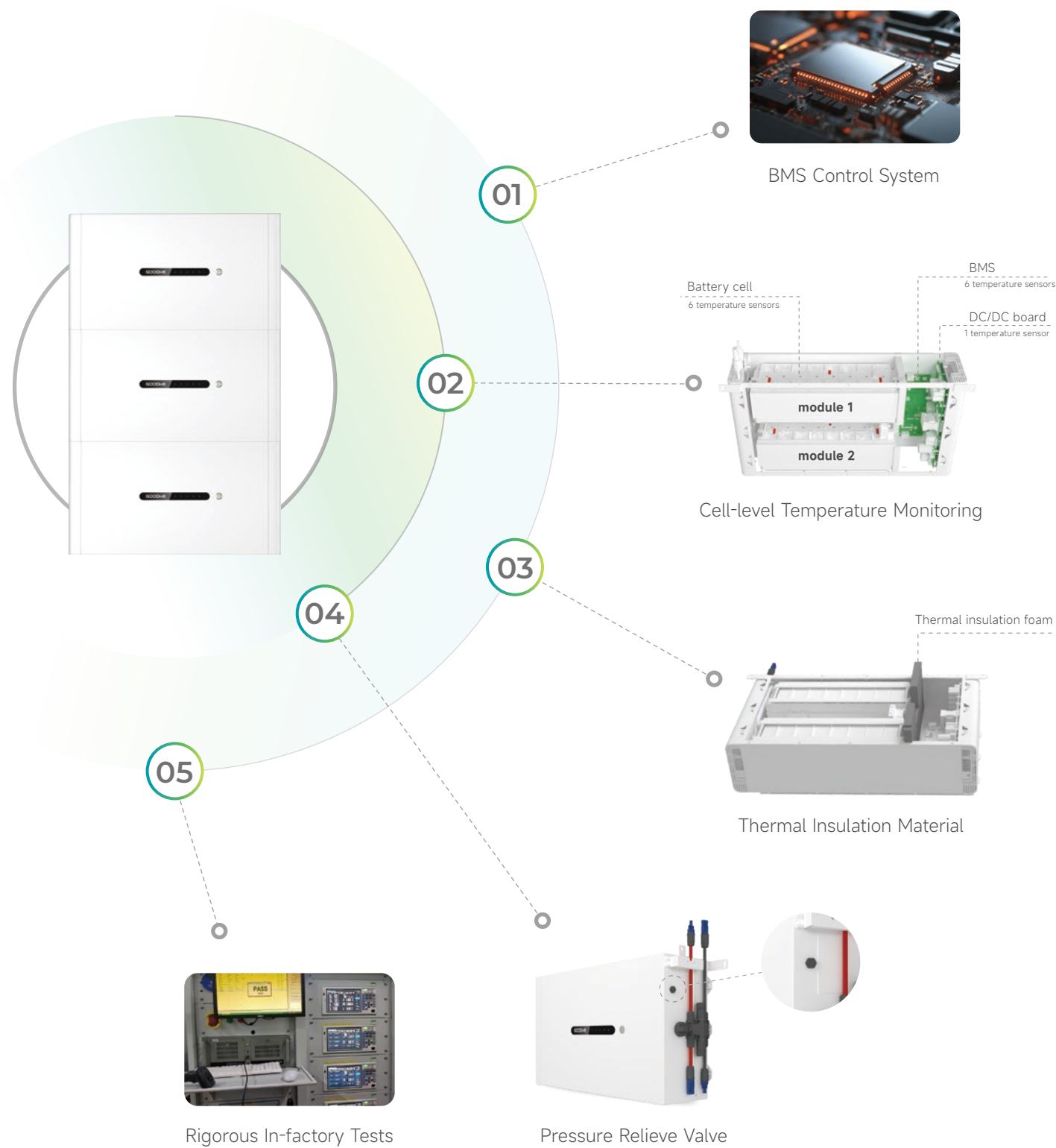
Surge Protection
Against lightning strikes



Fire Protection
AI-driven AFCI 3.0



Multi-Layer Protection for Battery Safety



| Streamlined Solar Monitoring

The GoodWe SEMS+ App is a cloud-based platform developed and maintained by GoodWe, enabling monitoring of solar energy production, house power consumption, battery charge status, and device conditions. It efficiently tracks energy production and consumption in real time, providing comprehensive energy visualization.

- Intuitive and user-friendly interface for seamless navigation and ease of use
- Frequent monitoring of system performance for accurate insights
- Comprehensive coverage of various application scenarios
- Generates detailed reports for in-depth analysis
- Accessible from anywhere at no additional cost



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SEMS+ APP | Q




Tailored Energy Solutions for Your Home



Explore our extensive selection of top-tier products, making GoodWe your go-to solution for enhancing energy efficiency, reliability, and cost-effectiveness. Tailored to accommodate a spectrum of energy consumption needs, our proposed combinations are designed to meet the demands of diverse households. Find the ideal solution for your home and embark on the journey towards sustainable energy today.

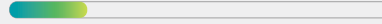



2,500kWh/year



ES G2 3.6kW LXU 5kWh

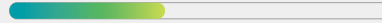



4,500kWh/year



EH 5kW LXF 12.8kWh
HCA EV charger




10,000kWh/year



ET 10kW LXD 15kWh
HCA EV charger




15,000kWh/year



ET 15kW LXD 30kWh
HCA EV charger

Note: The examples are based on average electricity consumption in Germany.

Residential Product Offering

Energy Storage Inverter



ES G2 3-6kW

Single phase | 2 MPPTs | LV



ES Uniq 3-12kW

Single phase | 1/2 MPPTs | LV



ET LV 6-20kW

Three phase | 2/3/4 MPPTs | LV



EH Plus+ 3.6-6kW

Single phase | 2 MPPTs | HV



ET G2 6-15kW

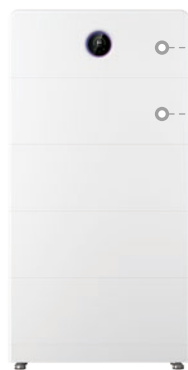
Three phase | 2/3 MPPTs | HV



ET 15-30kW

Three phase | 2/3 MPPTs | HV

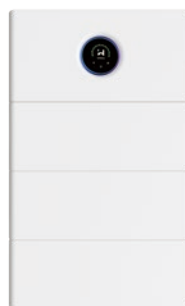
All-in-One System



ESA 3-10kW/5-48kWh

Single phase | Home Storage Solution (HV)

○-----Inverter: 3-10kW
○-----Battery: 5/8kWh



ESA 0.8kW/1.92kWh

Balcony solar energy storage solution

High Voltage Battery



Lynx D 5-20kWh per stack

- Modular and stackable design
- Supports mixing new and old battery packs
- Parallel connection supported



Lynx F G2 6.4-28.8kWh per stack

- Flexible capacity and stackable modules
- Up to 8 towers in parallel (131 kWh)

Low Voltage Battery



Lynx U G3 5kWh

- Reliable LFP battery cell
- Up to 30 modules in parallel (150kWh)



Lynx A G3

- IP21 (indoor)
- Up to 30 units in parallel (150kWh)



BAT 14.3kWh

- Supports continuous 0.8C charging & 0.94C discharging
- Up to 30 units in parallel (430kW)
- Heating technology for reliable performance @-20°C

Residential Product Offering

On-grid Inverter



XS G3 0.7-3kW
Single phase | 1 MPPT



DNS G4 3-6kW
Single phase | 2 MPPTs



MS G4 7.5-10kW
Single phase | 2/3 MPPTs



SDT G3 4-30kW
Three phase | 2 MPPTs

MLPE



MIS 0.8kW
Microinverter | Single phase



RSD Receiver
Rapid shutdown device
for 1/2 modules



HCA G2
Single Phase - 7 kW
Three Phase - 11/22 kW

EV Charger

Smart Dongle & Data Logger



4G Kit 2.0



Wi-Fi/LAN Kit-20



Ezlink3000



Ezlogger3000R
(Only for MIS series)

Data Logger & Communication Box



SEC3000/SEC3000C



GMK110



GMK330

Software



Smart Energy Management
System



Configuration Tool
SolarGo



Photovoltaic Installation
Design Platform



Home Energy Management
System

GoodWe at a Glance

About US

GoodWe is a world-leading PV inverter manufacturer and smart energy solution provider established in 2010. The company has around 6,000 employees worldwide and has a track record of over 100 GW of installations in over 100 countries and regions. GoodWe offers an extensive range of products and solutions tailored for residential, commercial and industrial, and utility-scale PV systems, delivering reliable and high-performance solutions across its entire portfolio. For the second quarter of 2025, GoodWe has been named as a Global Tier 1 Power Inverter Manufacturer by BloombergNEF (BNEF).

100+

Countries Reached

~6000

Employees Worldwide

100 GW+

Accumulative Installation

~8%

Revenue Invested in R&D Annually

Global Presence with Local Service



4 Production Facilities

China: Suzhou, Guangde, Shunde
Vietnam: Haiphong

5 R&D Centers

China: Suzhou, Shenzhen, Wuhan
Nanjing, Shunde

Quality Assurance at Every Stage

Emphasizing quality as our priority, GoodWe upholds the highest standards in every aspect of our operations. From customer satisfaction to product performance, our commitment to excellence drives innovation and growth in the renewable energy sector.

