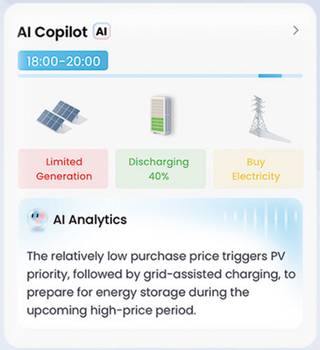
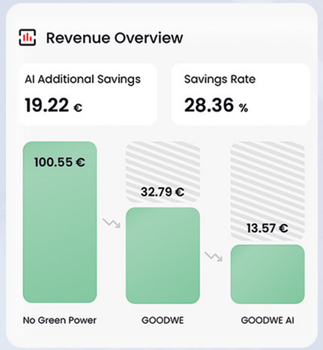
AI-driven Revenue Optimization

- **Smart Schedule**



- **AI Mode Cost Saving**



- **Energy Forecast**

Tariff Plan & SOC Forecast

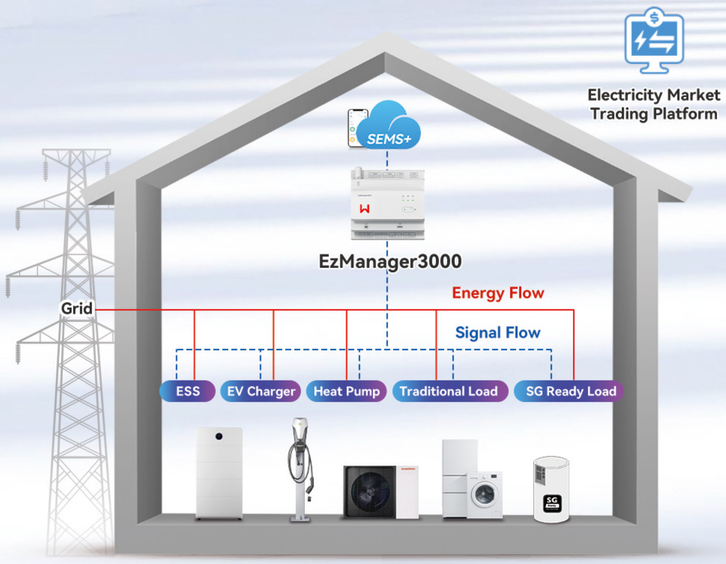
Power Forecast Based on Weather

- **GoodWe AI Agent**

AI Agent & Fault Diagnosis

Online Search and Knowledge Base Q&A

Up to 30% Reduction of Electricity Bills



One System Connects All

- AI driven cost saving
- All-in-one SEMS+ control

GOODWE

All-in-One Residential Energy Storage Solution

https://en.goodwe.com

Disclaimer

The technical data above mentioned may be modified in order to reflect continuous technical innovation and improvements achieved by GoodWe's R&D team. GoodWe has the sole right to make such modification at any time without further notice. GoodWe's customers have the right to request the latest version of GoodWe 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.

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DRIVING THE WORLD'S SMART ENERGY FUTURE

All-in-One

ESA Series (HV)

3-10kW/5-48kWh | Single Phase

< 30 dB
Low Noise

All-in-One Design

Powering homes with simplicity

- **1-click** commissioning
- **1 APP** controls all
- **10 min** from boxing to operation
- **Mixing** old & new batteries

6 -layer Safety Protection

- Cell-level Protection
- Electrical Protection
- Structural Protection
- Monitoring Level
- System-level Protection
- Emergency Protection

Thermal-Electric Separation

- Mica-insulated module design
- Dual-compartment structure
- Efficient heat dissipation
- Longer battery lifespan

20A
Per String

-20℃
Reliable Performance

63A
Bypass Current

200%
Oversizing

<4ms
Backup

IP66
Protection

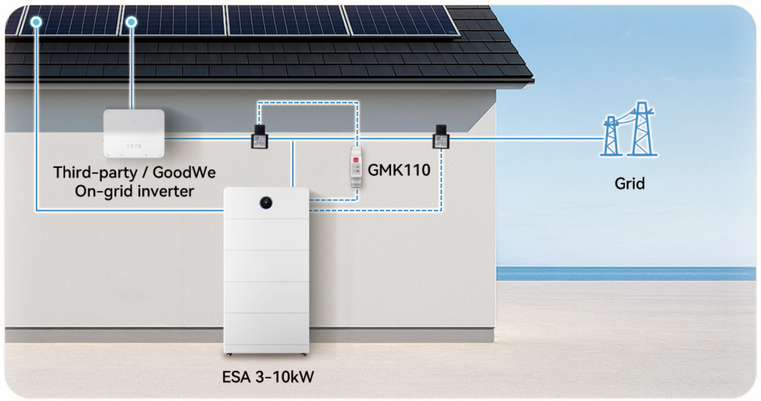
1C Battery

Lower Initial Investment

- Same power output, fewer batteries
- Shortened payback period

Retrofit Solution

AC Coupled & PV Expansion



Seamless Integration

- AC coupling supported
- Works effortlessly with third-party on-grid inverters

Ready for Smart Control

- Dual-meter ready for advanced monitoring
- Expand solar potential with hybrid connection

Installer Friendly

Why so quick

- Pack-level Plug & Play
- Quick & Easy Installation for CT
- SEMS+ APP for Quick Configuration & Second-Level Refresh of Real-Time Data