GOODWE

EzManager3000

The EzManager3000 is the smart control center for your home energy system. It seamlessly integrates solar, ESS, EV chargers, heat pumps, and traditional appliances via Shelly smart plugs. Compatible with most GoodWe products, all devices are managed through SEMS+ for effortless monitoring and control. Automatically connected to electricity trading platforms, its built-in AI learns and forecasts your energy generation and usage, adapting to dynamic tariffs for optimal solar efficiency - turning data into real savings and reliable power. With easy setup and seamless integration, the EzManager3000 makes smart energy management simple and efficient for every household.



Easy Setup & Seamless Integration

- Plug & play gateway for effortless installation
- Easy setup and instant integration of home energy devices

Broad Connectivity

- Compatible with most GoodWe products
- Works with Shelly smart plugs for smart home integration
- Supports On-grid + ESS inverter parallel operation, ideal for retrofit scenarios

Intelligent Energy Management

- Auto-connect to electricity trading platforms
- Dynamic & negative tariff support
- AI-Optimized Scheduling for maximum tariff savings
- AI Forecasting for personalized, habit-based energy optimization

Smart Control & Monitoring

- Complete system monitoring & control with SEMS+ App
- Remotely manage and schedule smart loads anytime, anywhere

Model	EzManager3000
Device Management	
Hybrid Inverter	Up to 1
Grid-tied Inverter	Up to 1
EV Charger	Up to 2
Heat Pump	Up to 1 (SG-Ready)
Shelly Device	Up to 12
Electrical	
Power Adapter	AC Input: 100 ~ 240V, 50 / 60Hz DC Output: 12V
DC Power Supply (V)	12V
Power Consumption (W)	≤7
Communication	
RS485	COM × 4
LAN	1
WIFI	802.11 b / g / n
Bluetooth	Bluetooth 5.2
Digital / Analog Input / Output	DI × 4, DO × 2, CAN × 1, AI × 1
DC Output	12V, 100mA
Communication Protocol	
Ethernet	Modbus-TCP
RS485	Modbus-RTU
User Interface	
LED	LED × 4
USB	USB 2.0 × 1
Mechanical	
Dimensions (W × H × D mm)	99 × 85.6 × 71
Weight (kg)	0.2
Installation Method	Wall Mounting, DIN Rail Mounting, Tabletop Mounting
Environment	
Operating Temperature Range (°C)	-30 ~ +60
Storage Temperature Range (°C)	-40 ~ +70
Relative Humidity	0 ~ 95% (no condensation)
Max. Operating Altitude (m)	3000
Ingress Protection Rating	IP20
Certification Compliance	
Certificate	CE-RED (EN18031), RCM

*: Please visit GoodWe website for the latest certificates.

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This datasheet provides information about products offered in the EMEA region.