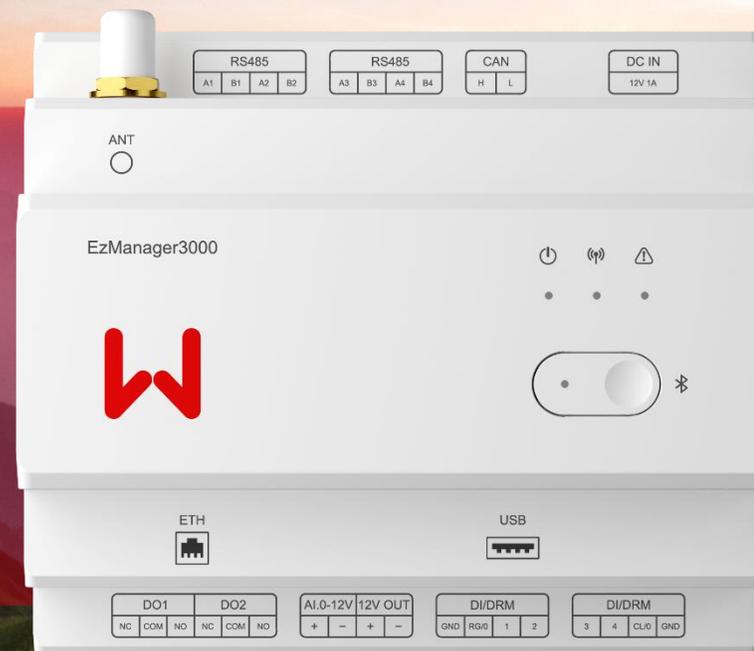


EzManager3000

— Residential AI Solution

GoodWe Distributor Launch



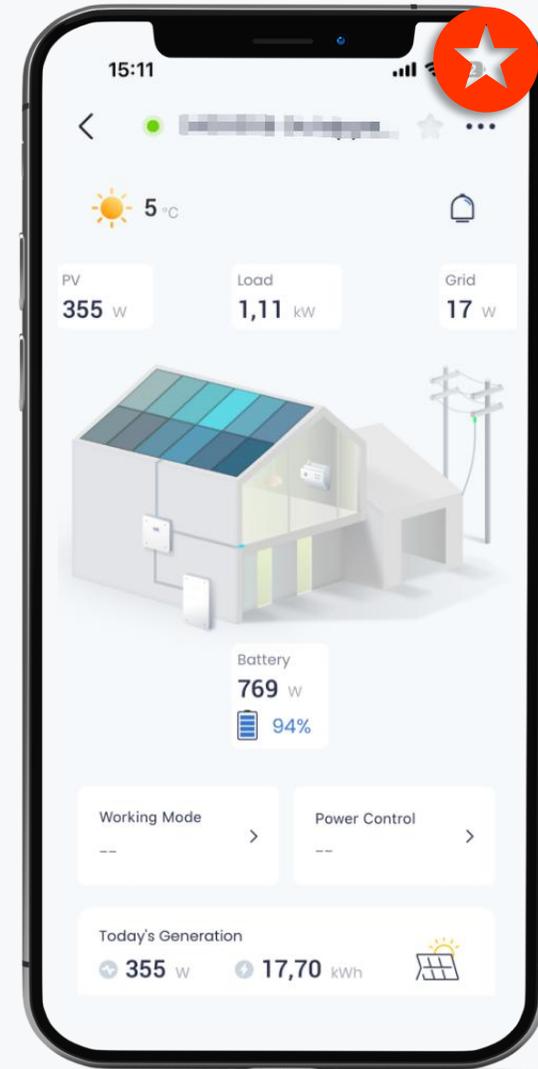
Overview EzManager3000

GOODWE



EzManager3000

Product Number: LEM0000-01-00P
Serial Number: 23000LEMXXXXXXXX



Model		EzManager3000
Input voltage (V)		12
Power Consumption (W)		≤7
Connection Interface		RS485, Lan, Wifi, Bluetooth, DI, DO, CAN, AI
Communication	Ethernet Interface	2 x RJ45, 10M/100Mbps Self-adaption
	WLAN	802.11 b / g / n, 2.412GHz-2.484GHz
	4G	N/A
Mechanical Parameters	Dimensions (W×H×D mm)	99*71*86
	Weight (kg)	0.2
	Ingress Protection Rating	IP20
	Installation	Wall mount; DIN rail; Desktop installation
Operating Temperature Range (°C)		-30~60°C
Storage Temperature Range (°C)		-40~70°C
Relative Humidity		5-95%
Max. Operating Altitude (m)		3000

Category	Features
Online Monitoring	System capacity, power, and generation
	Load consumption
	Status of connected devices
	Activity of connected devices
	Grid data and status
	On-going system faults and alarms
	Historical faults and alarms
Parameter Setting	Query and setting of connected devices
	Working Mode settings
	Export settings
	Dynamic tariff settings
	System time settings

Category	Features
AI Mode	Study consumption profile
	Study weather forecast
	Predict PV generation and load consumption
	Manage battery activities with maximum profit
Communication	Modbus-RTU
	Modbus-TCP
	Dry Contact
Additional Functions	DIx4, DOx2
	RCR
	14A
	Zero Export Power Limitation



- Configuration via SEMS+ APP

Device	Brand	Parallel Number
On-grid Inverter	GoodWe	≤ 4
Hybrid Inverter	GoodWe	≤ 4
EV Charger G2	GoodWe	≤ 2
Smart Meter	GoodWe	1
Heat Pump	GoodHeat (SG-Reday)	≤ 2
	SG-Ready	
Smart Plug	Shelly	≤ 12

- Parallel connection of devices are under development.
- Please refer to the latest IOT compatible list of supported GoodWe inverters.

EzManager3000 Compatible Inverters

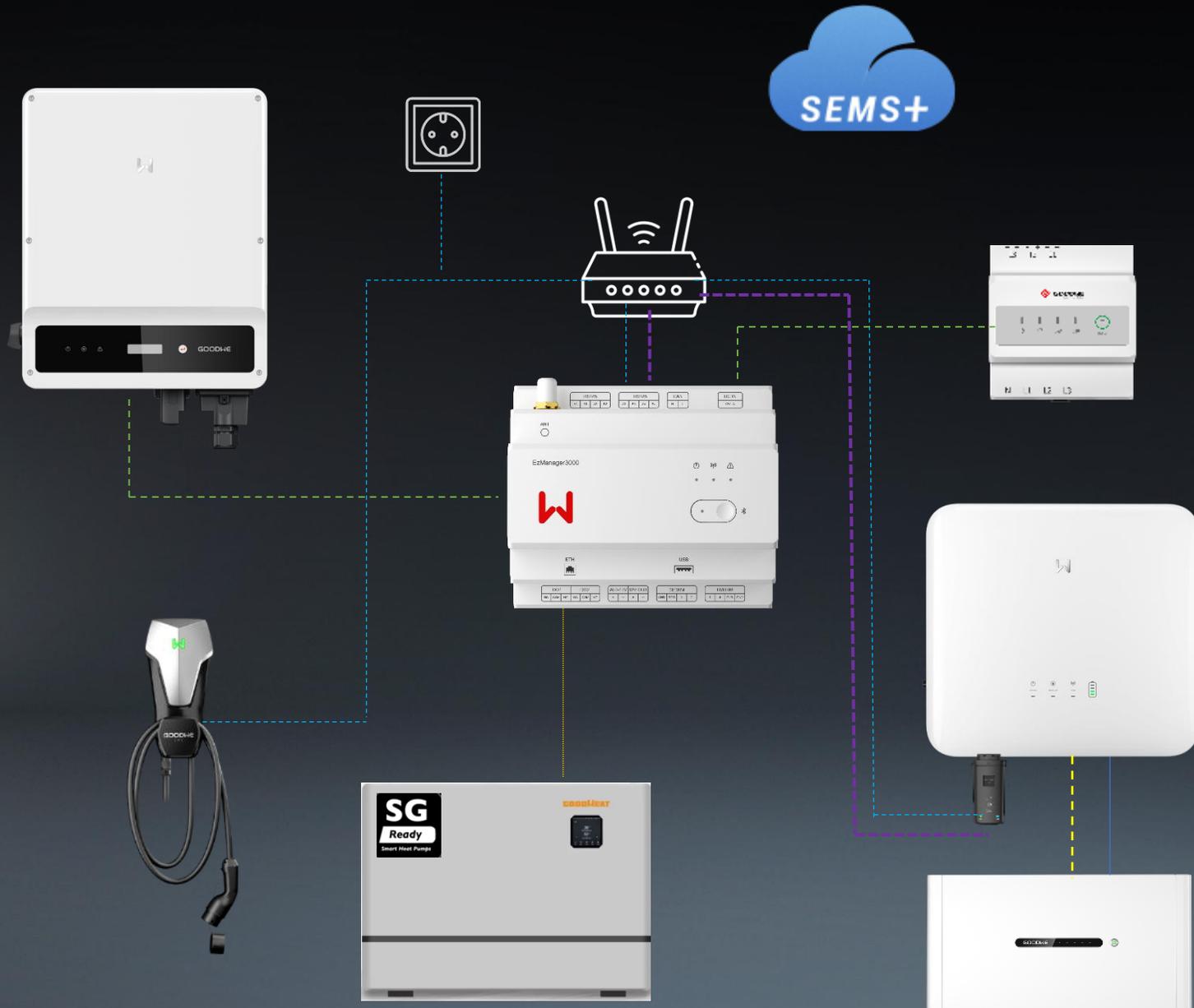


Inverter	Models	Mix Option	Inverter
ET15k-30k	GW15K-ET	+	SDT G2/Plus
	GW20K-ET		
	GW25K-ET		
	GW30K-ET		
ET G2	GW6000-ET-20		
	GW8000-ET-20		
	GW10K-ET-20		
	GW12K-ET-20		
	GW15K-ET-20		
ES G2	GW3600-ES-20		
	GW5000-ES-20		
	GW6000-ES-20		
SBP G2	GW3600-SBP-20		
	GW5000-SBP-20		
	GW6000-SBP-20	DNS G1/Plus	

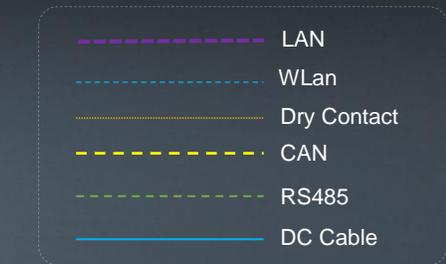
- Please refer to the latest IOT compatible list of supported GoodWe inverters.
- ET Plus will be supported in the future.

CONFIDENTIAL – All information is subject to change

EzManager3000 System Configuration



- On-Grid inverters communicate via modbus RTU.
- Hybrid inverters communicate via modbus TCP.
- Wifi/Lan kit-20 **cyber security** dongle must be used.
- Smart meter must be connected to the EzManager3000.



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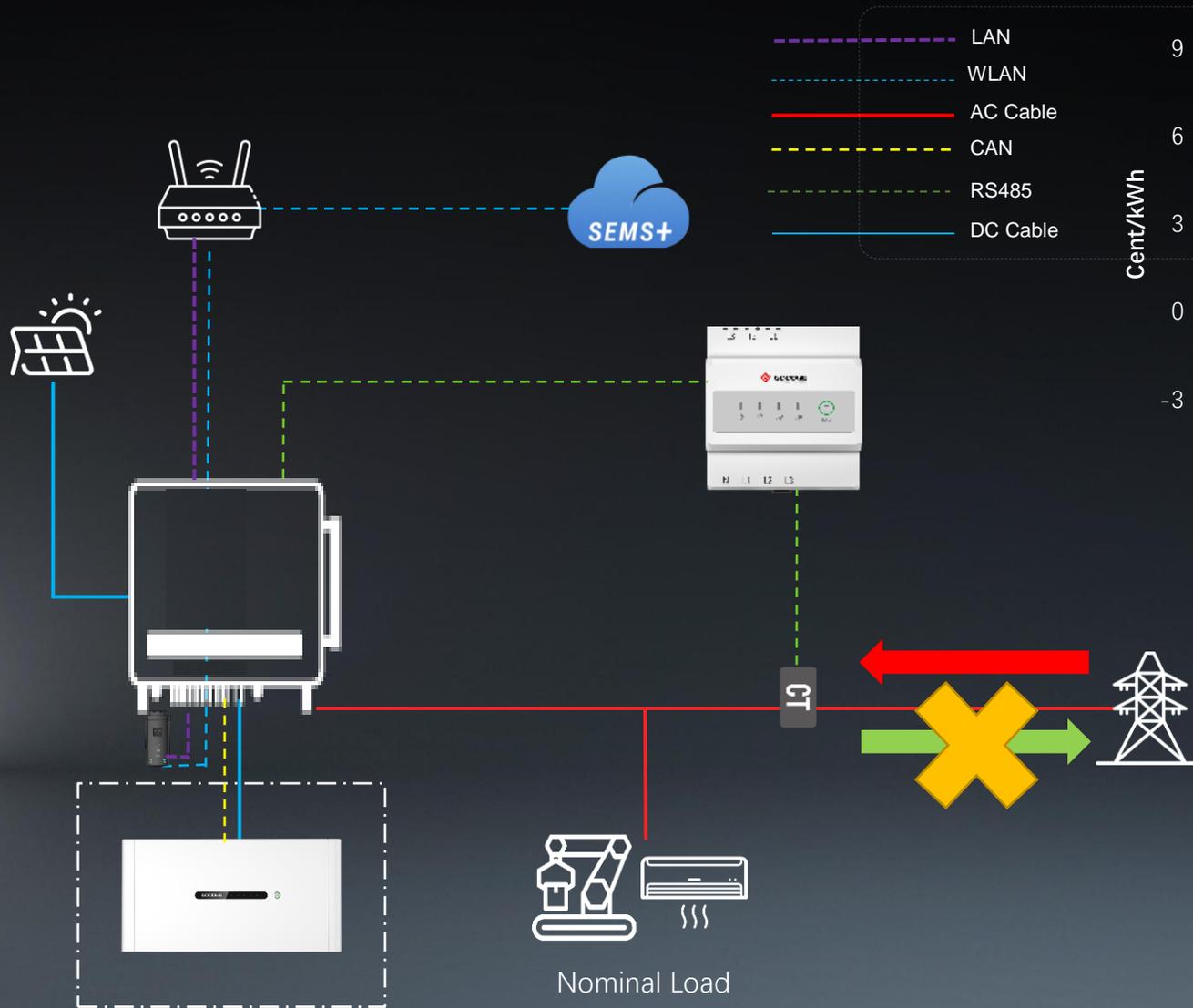


NORD POOL

A EURONEXT COMPANY



Negative Tariff Feature – FREE!!!



Dynamic Tariff



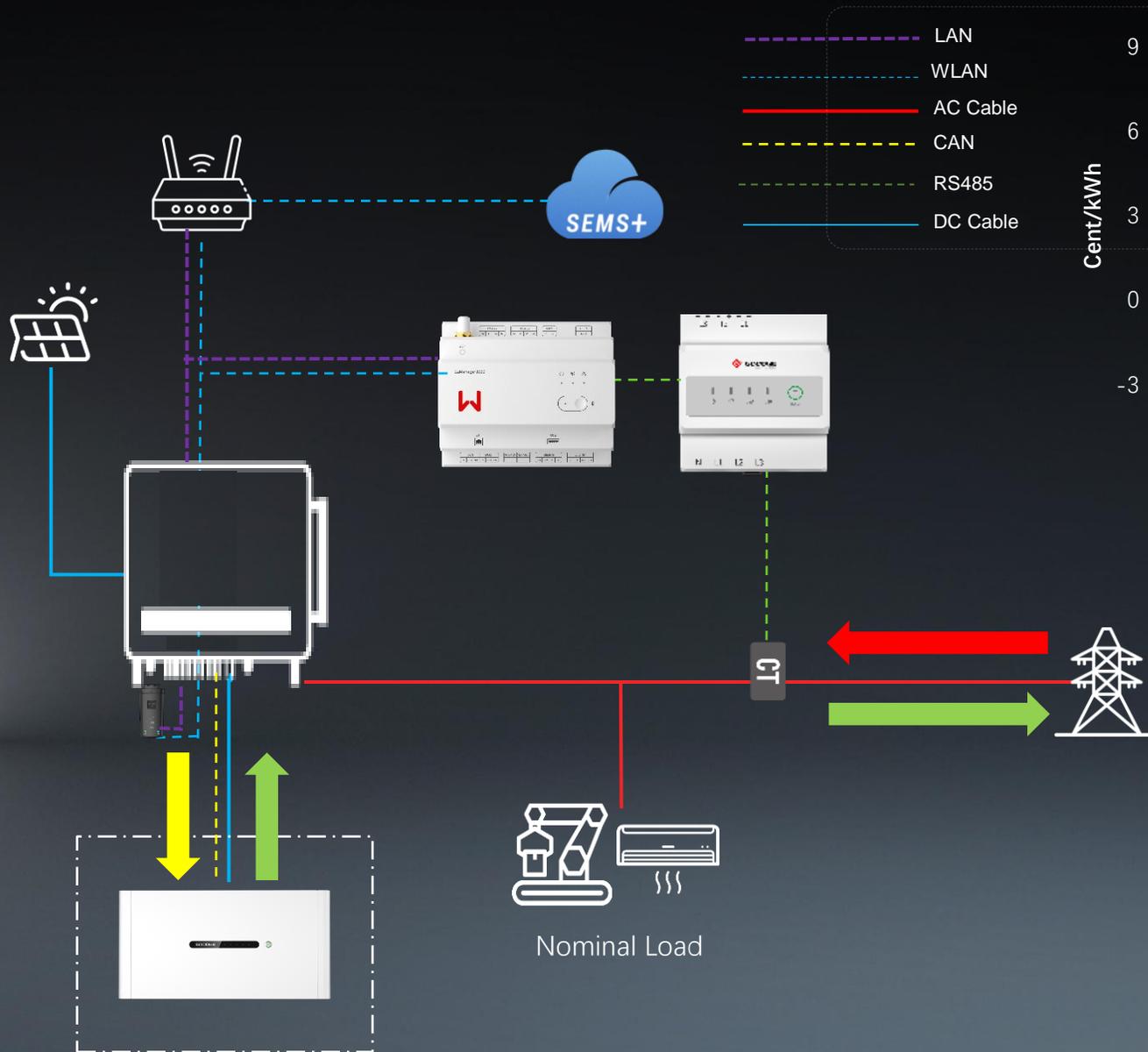
- Free cloud solution based on SEMS+.
- Support both on-grid and hybrid inverters.
- Smart meter is needed.
- No feed in at negative tariffs.

On- Grid Inverter
XS G3
DNS G3
MS G3
SDT G2/Plus
SDT G3

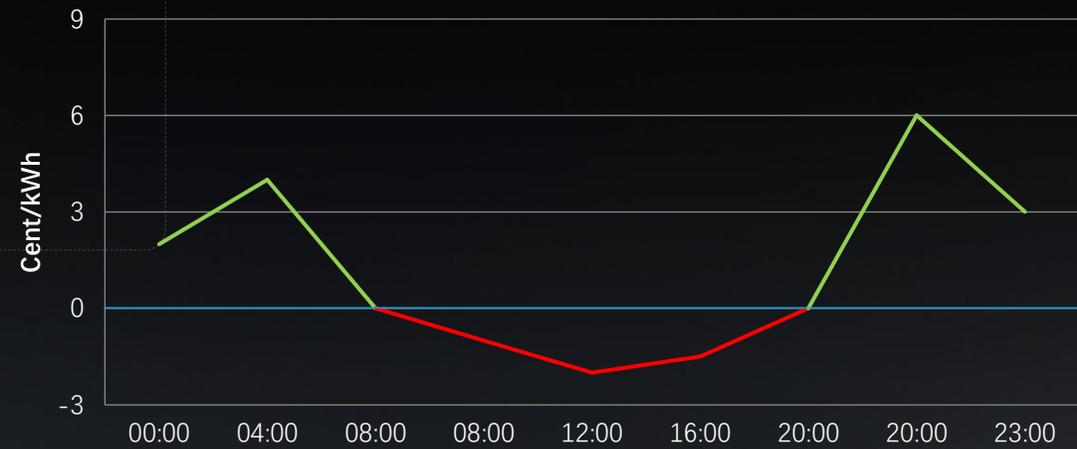
Hybrid Inverter
ES G2
SBP G2
EH/Plus
ET Plus
ET15k-30k
ET G2
ET 40/50

- Please refer to the latest IOT compatible list of supported GoodWe inverters in the future.
- More devices will be added.

Dynamic Tariff Feature

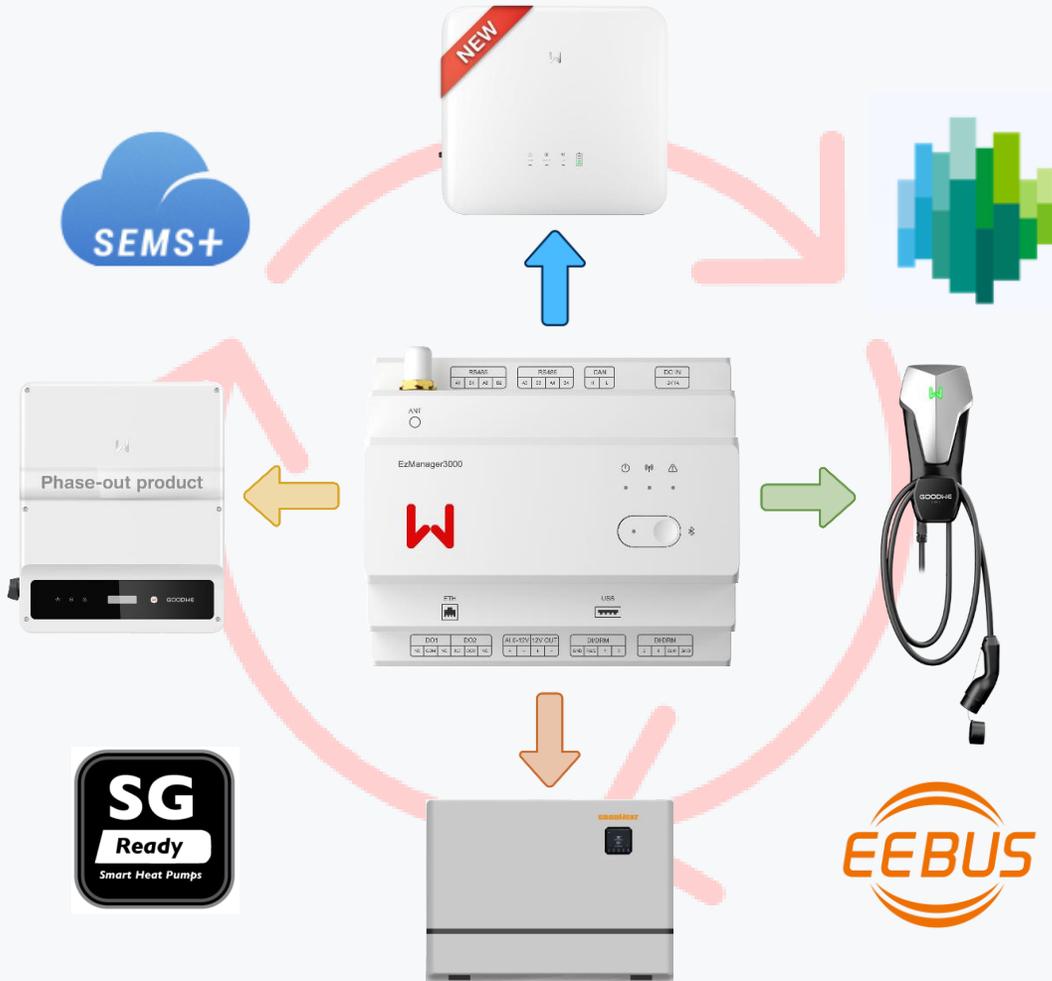


Dynamic Tariff



- Using AI to manage the system.
- AI prediction and managing abilities increase over time.
- Support both on-grid and hybrid inverters.
- Smart meter is needed.

EzManager3000 Highlights



Upgrade

You can upgrade your system just by simply add other GoodWe devices. EzManager is compatible with most of GoodWe new residential products and will continuously add more supported devices.

1 All in One

EzManager3000 is the brain of all GoodWe residential products, it brings all devices together to make one unified system. You can monitor and control all devices via EzManager.

Inclusive

Not only GoodWe products but also other smart appliances can be connected to the Ezmanager3000, such as shelly smart plugs, and SG-ready heat pumps.

Smart

With AI integrated inside, Ezmanager3000 makes your whole system smarter and more efficient. By continues learning the user patient, EzManager3000 optimizes the system to the best.

Future Development

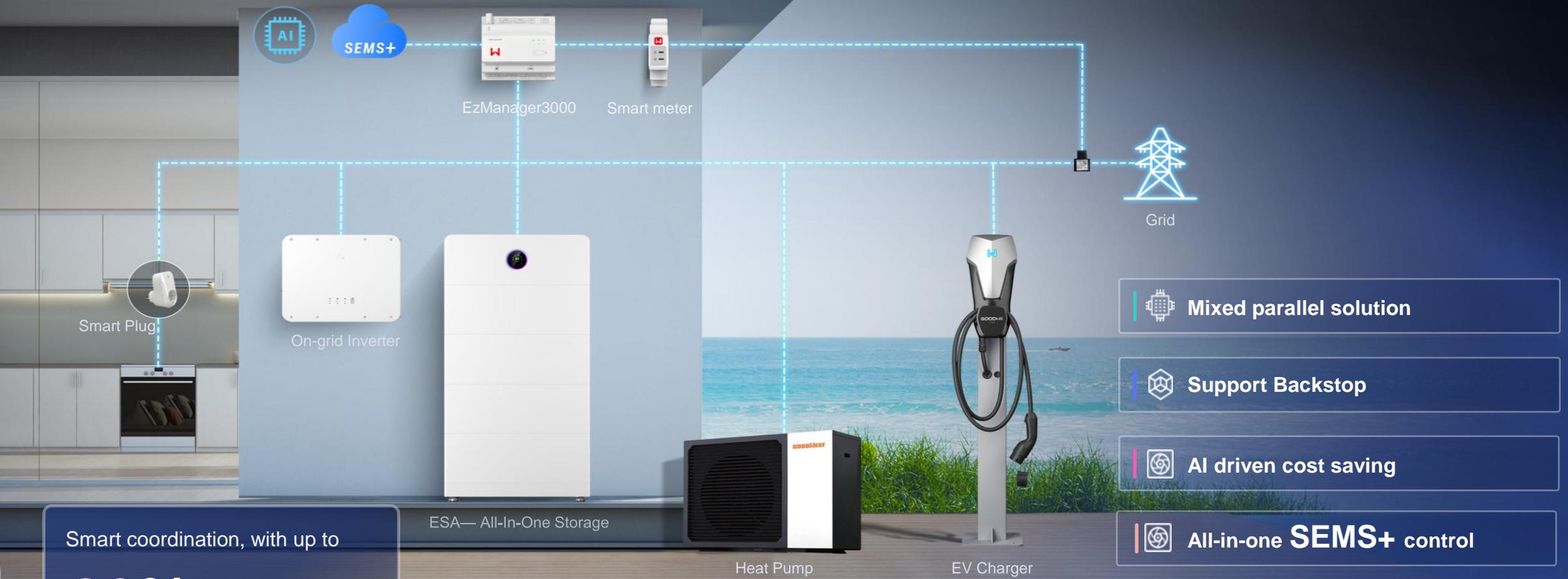


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Well-Rounded Solution

AI-optimized power consumption

GOODWE



 Mixed parallel solution

 Support Backstop

 AI driven cost saving

 All-in-one **SEMS+** control

Smart coordination, with up to

20%

Improvement of self-consumption

ESA— All-In-One Storage

Heat Pump

EV Charger

EzManager3000 in SEMS+ 2.0 APP



- Weather forecast, Dynamic electricity pricing
- Daily and total revenue data
- Detailed system management plan
- Remote control of the system
- AI assistance suggestions

AI Copilot AI

18:00-20:00

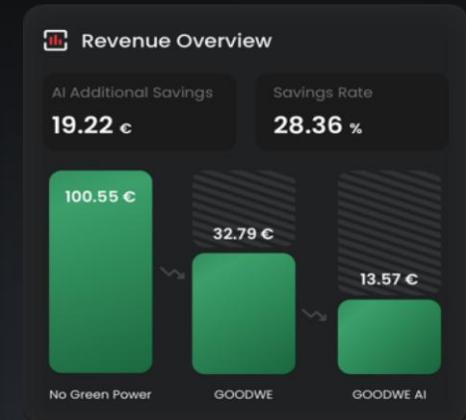
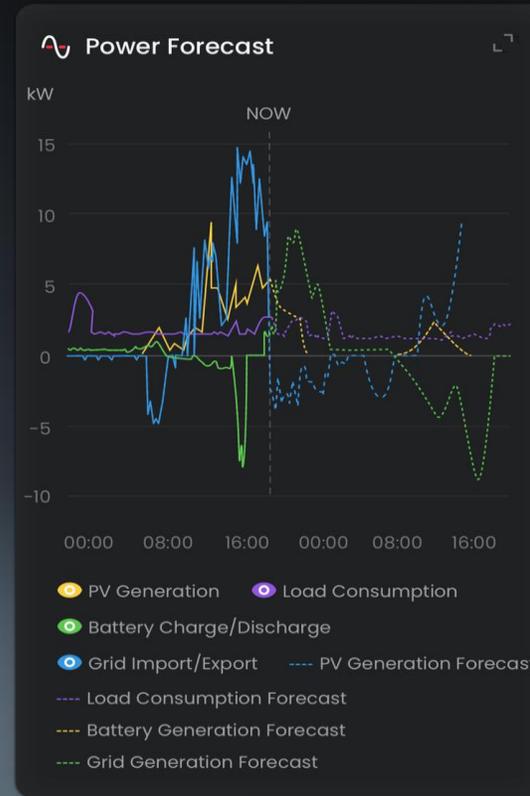
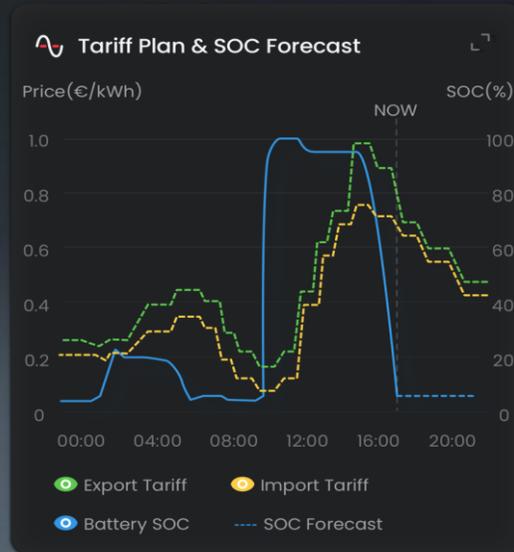
Limited Generation

Discharging 40%

Buy Electricity

AI Analytics

The relatively low purchase price triggers PV priority, followed by grid-assisted charging, to prepare for energy storage during the upcoming high-price period.



Revenue Overview

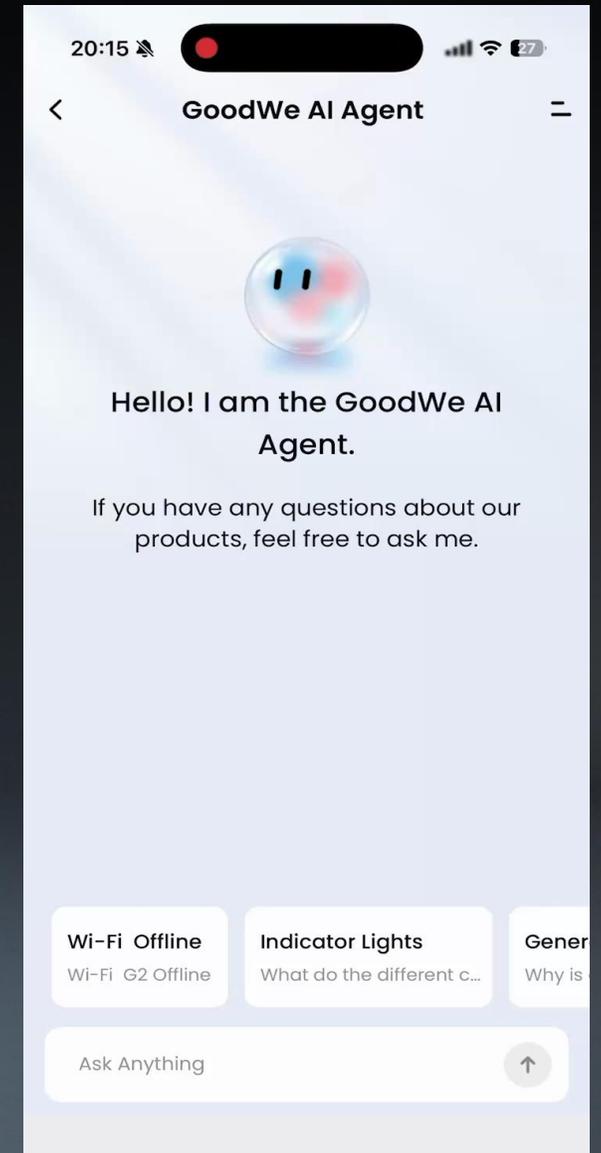
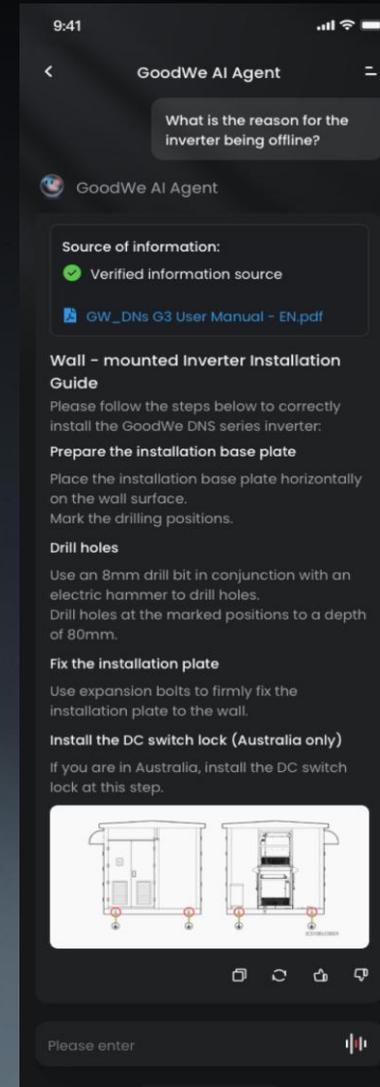
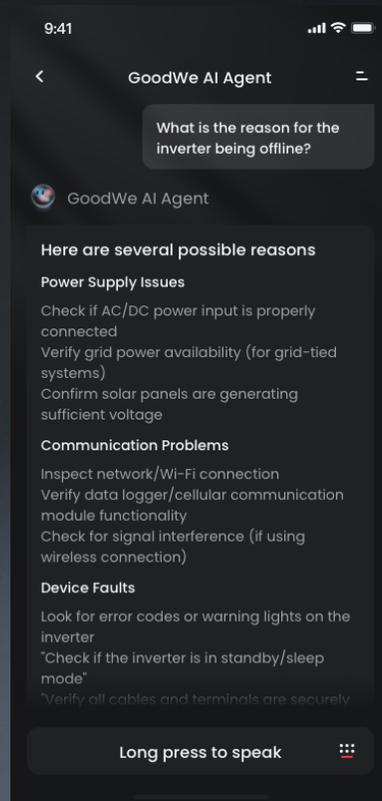
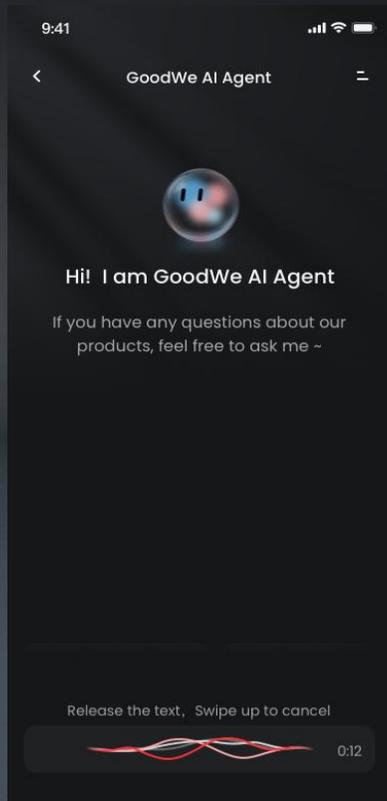
AI vs Self-use | AI vs No Green Power

Sun	Mon	Tue	Wed	Thu	Fri	Sat
			1	2	3	4
			0.89	-0.39	0.68	0.47
5	6	7	8	9	10	11
-0.06	0.37	1.22	1.54	0.84	1.78	0.79
12	13	14	15	16	17	18
0.91	0.24	0.28	0.49	0.02	0.22	1.25
19	20	21	22	23	24	25
0.92	0.10	0.03	0.57	1.01	0.95	0.61
26	27	28	29	30		
0.49	0.06	0.47	1.91	0.56		

GoodWe AI Assistance



- Smart Q&A
- Knowledge Base
- Weather Data
- Internet Search



- **Price:**
 - Prices is available in latest “Price list EMEA”.
- **Warranty:**
 - 2 years standard warranty
 - Extendable to 5 years.
- **Certifications:**
 - CE certifiat (incl: IEC61000)
 - Cyber Security EN 18031
- **Logistic data and packaging info:**
 - Ezmanager3000: LEM0000-01-00P
 - Weight: Gross: 0,56 kg, Net: 0,2 kg
 - Package Dimensions: 180 x 170 x 80 mm

Series	Type	Net Weight (kg)	Gross Weight (kg)	Carton length (mm)	Carton width (mm)	Carton height (mm)	Pallet length (mm)	Pallet width (mm)	Pallet height (mm)	Layer for each pallet	Qty for each layer	Qty for each pallet	G.W. for each pallet (kg)	N.W. for each pallet (kg)	Volume for each pallet (m ³)	Qty for 20GP	Qty for 40GP	Each pallet dimension with devices (mm)
EZM	EzManager 3000	0,2	0,56	180	170	80	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

- **Production and launch:**
 - Ready to order
 - The lead time upon delivery is 10 weeks
 - Installer launch at the end of January
- Within product package:
 - EzManager3000
- **Marketing materials :**
 - Product flyer / datasheet
 - Product images
 - Quick installation guide
 - January newsletter.

GOODWE

Thank you

GoodWe