

# CREATE A NEW ERA OF SMART ENERGY

**GoodWe** Company Introduction

# VISION & MISSION

## Vision

Create a new era of smart energy.

## Mission

We are determined to be the main driving force in the global energy transition, create a sustainable future for earth, for mankind, and for future generations.



**2M** UNITS  
Total installed



**26680** GWh  
Annual Power Generated



**26.6** M TON  
Annual CO<sub>2</sub> Saved



# MILESTONES

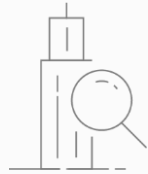
**2010**

Company Establishment



**2011**

Established R&D Center  
GoodWe's First PV Inverter



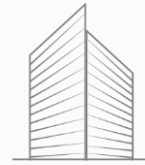
**2012**

GW4000-SS PHOTON AA Award  
Efficiency World Top 3



**2013**

GW17K-DT PHOTON AA Award  
Efficiency World Top 5



**2014**

Launched Asia's First Energy Storage Inverter ES Series  
Established GoodWe UK  
Established Dutch Service Center



**2015**

Officially Listed on the NEEQ (Stock Code: 835209)  
Established GoodWe Solar Academy  
Established GoodWe Australia



**2016**

TÜV Rheinland Quality Award  
Launch of SEMS  
Displayed in IKEA across EU



**2017**

Established Shenzhen R&D Center  
Established India Service Center



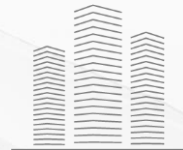
**2018**

Established European Headquarter in Germany  
Established Mexico & Brazil After-sales Service Centers



**2019**

GoodWe New Headquarter  
Established GoodWe Benelux



**2020**

Listed on Shanghai Stock Exchange (Stock Code: 688390)  
Licensing Partner of GE



**2021**

Established GoodWe USA & Japan  
Provide One-stop Storage Solution  
Set up Global Call Center  
6 Years of TÜV Rheinland Quality Awards





## GOODWE FAMILY



**2300 +**

Total number of employees



**500 +**

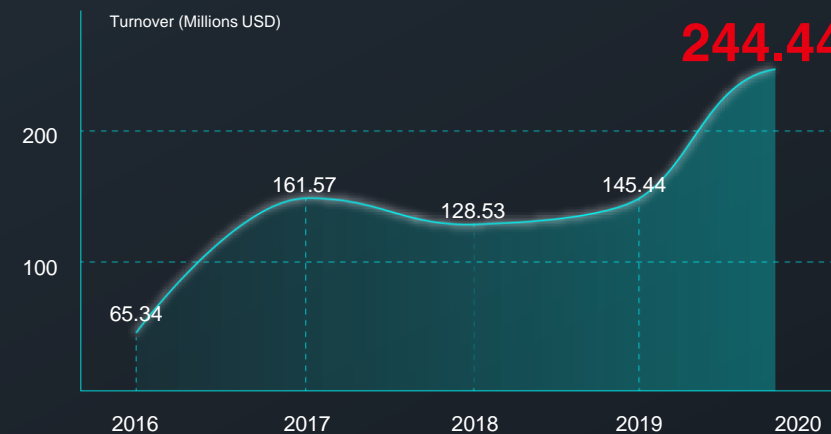
R & D staff



**70 +**

Overseas employees

## GLOBAL SALES REVENUE



# LICENSED PARTNER WITH GE



| Licensed Partner

## Made by GoodWe Chosen by GE

It's no secret that GE's uncompromising search for quality drives its business and decision processes. Tom Buccellato explains **why GE selected GoodWe's technology.**



It's part of our long tradition to bring innovation to the home and we're very excited to be entering the home power space. We see the world change with more distributed power generation and more residential power options so this market is a logical category extension for GE. Solar power is expected to grow over 20% over the next decade to be over \$200 billion by 2025. We also know that there will be more grid instability and more electric vehicles. It makes sense for GE to rise to this challenge.

**Thomas Buccellato**

| Senior Managing Director of GE Licensing



# EYE FOR DETAIL

## Several manufacturers were carefully examined and assessed

against a rigid and thorough list of carefully drafted selection criteria put together by a group of elite researchers and scientist working at GE's research facilities.



## 32 manufacturers were then shortlisted

and went through an even more comprehensive assessment that included everything from technical capabilities of key components, to firm's financial stability and extent of global service coverage, as well as aesthetic design, brand awareness and overall reputation.



# GLOBAL PRESENCE

## Branches

Hong Kong (China), Australia, Germany, United Kingdom, Belgium, Japan, United States, South Korea

## Sales & Service Centers

Australia, United Kingdom, Netherlands, Germany, Mexico, Brazil, Poland, Spain, Italy, South Africa, Chile, Argentina, Portugal, Greece, India, Turkey, Japan, Ukraine, United States, Vietnam, Thailand, Malaysia, Russia

## R&D Centers

Suzhou R&D center, Shenzhen R&D center

## Production Facilities

Suzhou Manufacturing base  
Guangde Manufacturing base



# GLOBAL PARTNERS





# GOODWE AWARDS

**2017-2021**

EuPD Top Brand for 5 Consecutive Years  
(AU & NL & PL & ES & PK & RSA & BR & VN)



reddot Design

**2018**

Reddot Design



TÜVRheinland®  
Precisely Right.  
ALL QUALITY MATTERS AWARI

**2015-2020**

The Sole  
Inverter Brand to Have Won the Award for  
6 Consecutive Years

**2019**

World's No.1 Hybrid  
Storage Inverter Supplier



Wood  
Mackenzie  
POWER & RENEWABLES



**2019**

PV Magazine Award

**2021**

EH Series 5kW No.2  
ET Series 10kW No.5



## Production Capacity

GoodWe's manufacturing integrates the latest and most sophisticated processes and the most advanced automation solutions to deliver unparalleled quality and maximum efficiency.

**25** GW

Solar Inverters Capacity

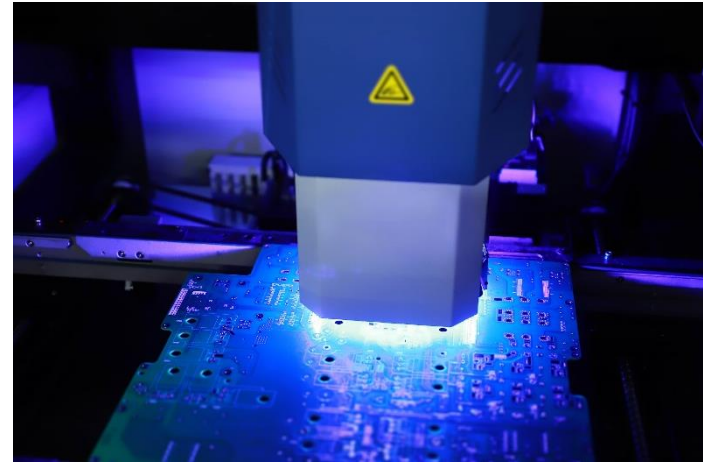


**400** MWh

Battery Capacity



# STATE-OF-THE-ART GOODWE HEADQUARTER



## Global Installation

With an accumulative installation of 23 GW installed in more than 100 countries, GoodWe solar inverters have been largely used in residential and commercial rooftops, industrial and utility scale systems, ranging from 0.7kW to 250kW.

**23** GW  
Global Accumulative Capacity



**12** GW  
Residential



**500** MW  
Energy Storage



**11** GW  
Commercial &  
Industrial



# GLOBAL RANKINGS



**TOP 1**

Global Energy Storage  
Inverters Supplier



**TOP 1**

Czech



**TOP 2**

Australia Rooftop



**TOP 3**

Turkey

**TOP 1**

China Rooftop



**TOP 1**

India Rooftop

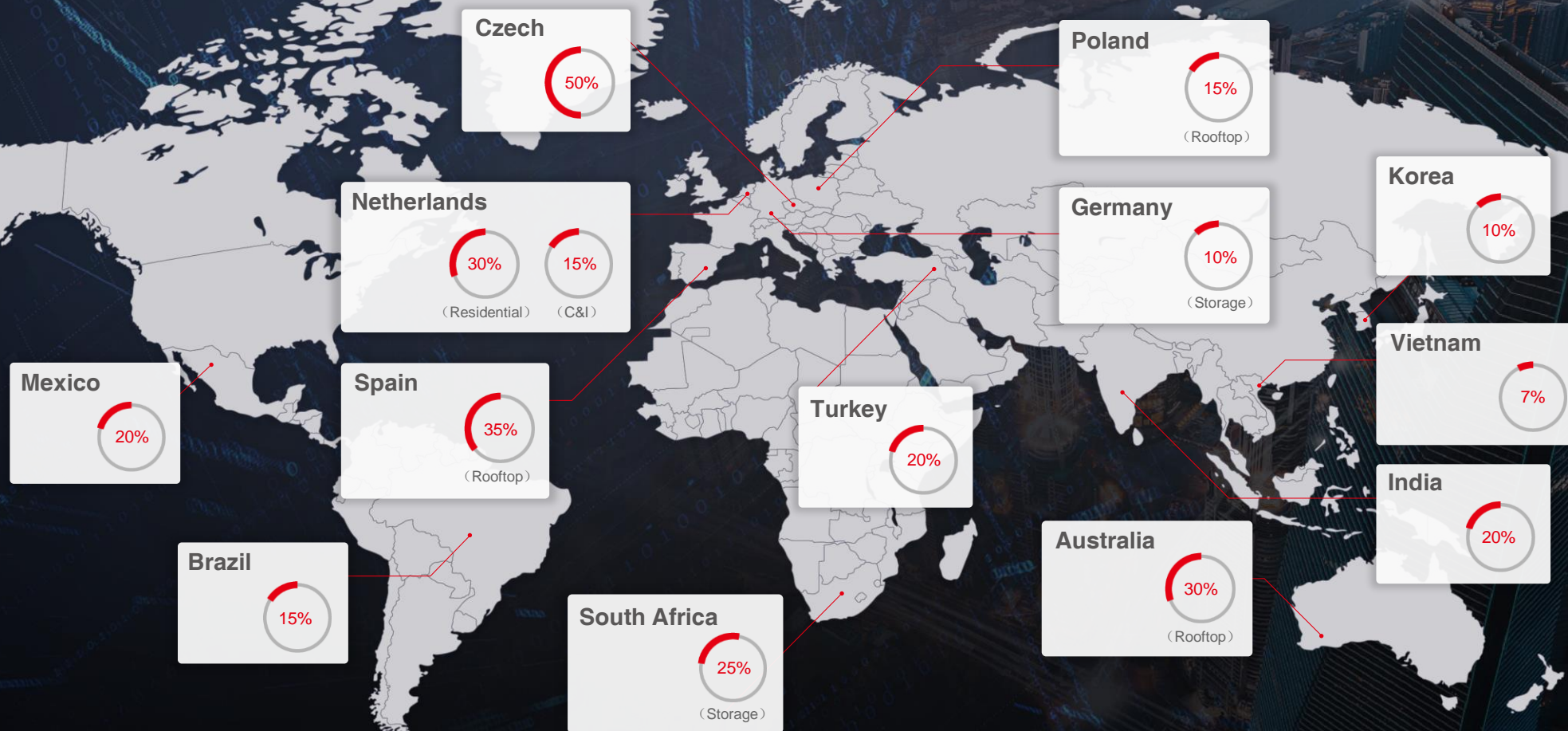


**TOP 3**

Spain Rooftop



# MARKET SHARE



# OVERSEAS WAREHOUSE MANAGEMENT

**USA**

Bonded warehouse  
(Los Angeles)



**UK**

Bonded warehouse  
(Peterborough)



**Netherlands**

Bonded warehouse  
(Dordrecht)



**Turkey**

Bonded warehouse  
(Istanbul)



**Turkey**

Bonded warehouse  
(IZMIR)



**Brazil**

Bonded warehouse  
(Padre Mathias)



**Brazil**

Bonded warehouse  
(Victoria)



**India**

Bonded warehouse  
(Panvel)



**Australia**

Bonded warehouse  
(Dandenong South)



# SERVICE

## Pre-sales Service

GoodWe Solar Academy (GSA) is going all out to make the PV solutions more visual, by sharing knowledge of inverters and PV applications, providing trainings and technical support to stakeholders across the globe.



### PV system solution

All PV applications including residential, commercial and industrial, energy storage and utility-scale projects.



### PV Community

A digital library collecting technical solutions, video guidance, and case studies the way you want them. A digital forum where you can voice your opinion if none of these meet your requirements.



### GoodWe Workshops

Useful knowledge through industry-specific case studies that are integrated with theory and practice. Thanks to GoodWe's global network, GSA has traveled to 50 countries and 148 cities over the past 5 years, shared insights with more than 40,000 customers and developers in the PV industry.

## After-sales Service

GoodWe's qualified service network team is available at all times to provide local technical support whenever and wherever you need it.

Call Center: First Level Support & Troubleshooting



On-site Support



Follow-up & Customer Satisfaction Survey



Global Presence, Local Service





# GOODWE PRODUCT PORTFOLIO



  
**Residential Solution 0.7-15kW**

  
**Utility-scale Solution 225-250kW**

  
**PV + Storage Solution 3-50kW**

  
**Lithium Batteries**

  
**Smart Energy Management System**

  
**Commercial & Industrial Solution 17-136kW**



# GOODWE SOLUTIONS

0.7-250kW



**MS**

5-10kW / 3 MPPT

# RESIDENTIAL SOLUTION

## 0.7-15kW



Up to 100%  
Oversizing



Compact & Light  
Weight



Arc-Fault Circuit  
Interrupter



Max. Input  
Current 25A

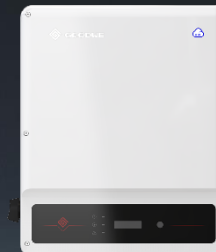


Up to 3 MPPT  
Trackers



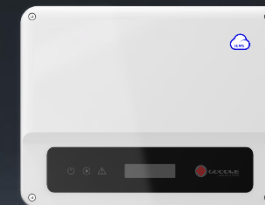
**DNS**

3-6kW / 2 MPPT



**SDT G2**

4-15kW / 2 MPPT




**XS**

0.7-3kW / 1 MPPT

# RESIDENTIAL PROJECTS



**5 kW**

 Brisbane, Australia




**22.7 kW**

 Antalya, Turkey




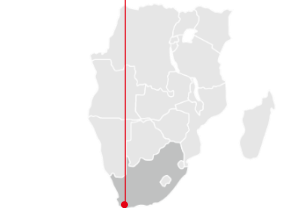
**10 kW**

 Hout-Bay, South-Africa




**94.5 kW**

 Perth, Australia



**40 kW**

 Cape Town, South Africa

# COMMERCIAL & INDUSTRIAL SOLUTION 17-136kW



**HT**

100-136kW / up to 12 MPPT



Up to 12 MPPT



Full Load Operation  
at 50°C



Up to 15% AC Output  
Overloading



Arc-Fault Circuit  
Interrupter



Up to 50%  
DC Oversizing

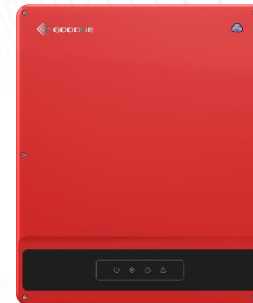


Power Line  
Communication



**MT (LV)**

50-80kW / 4 MPPT



**SMT (LV)**

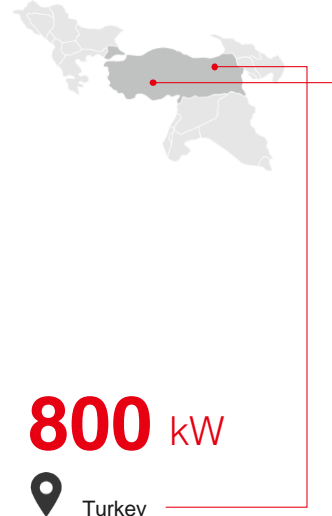
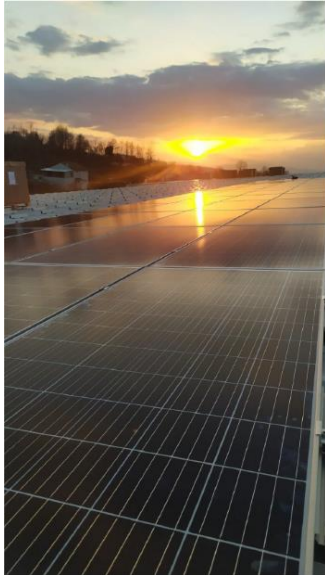
25-36kW / 3 MPPT



**SDT**

17-25kW / 2 MPPT

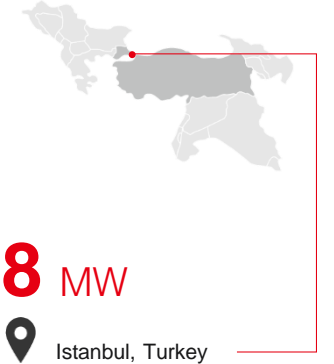
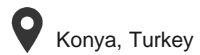
# C&I PROJECTS



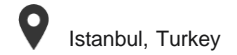
**800 kW**



**500 kW**



**8 MW**

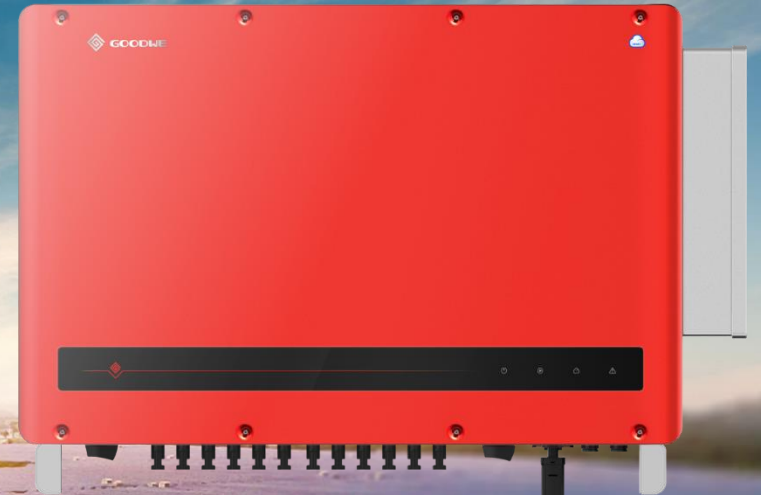


**2 MW**



## Utility-scale Solution 225-250kW

# HT (1500V)



Compatible with  
High-power Modules



Power Line  
Communication 2.0



I-V Curve  
Diagnosis




Internal Humidity  
Detection



SVG Function  
Available



**40** MW

 Shandong, China



# PV + STORAGE SOLUTION

## 3-50kW



**ET (HV)**

5-10kW



Maximize  
Self-Consumption



UPS-Level  
Switching



Wide Battery  
Voltage Range



100% Unbalanced  
Output



**BH (HV)**

1-6kW



**SBP (LV)**

3.6/5kW



**BT (HV)**

5-10kW



**BTC (HV)**

50kW



**EH (HV)**

3.6-6kW



**ES (LV)**

3.6-5kW



**EM (LV)**

3-5kW

## All-in-one Storage Solution

# ESA

**Save up to 50% installation time**



Pre-wired  
Modular Design



UPS-Level  
Switching

**5kW / 10.8kWh**





10kW | ET Series



5kW | EH Series




# No.1 Home Storage Supplier

by Wood Mackenzie

# ENERGY STORAGE PROJECTS



**20 kW**

 Vineyard, South Africa



**200 kW**


 Sicily, Italy



# ENERGY STORAGE PROJECTS




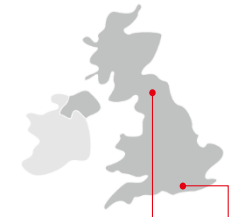
**5 KW**

 Cape Town, South Africa




**5 KW**

 Leeds, UK



**5 KW**

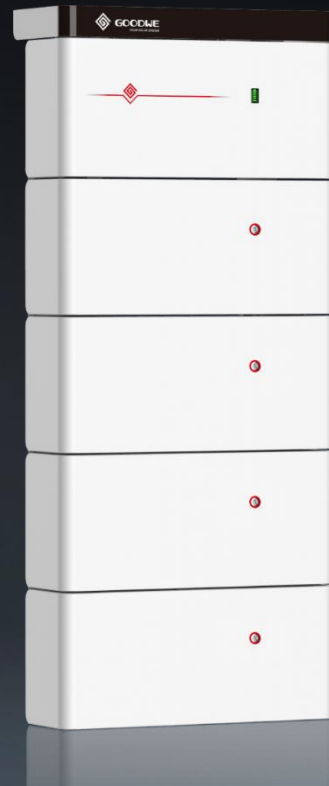
 Berwickshire, UK

# LITHIUM BATTERIES



Lynx Home U Series (LV)

5.4-32.4kWh



Lynx Home S Series (HV)

7.68-20.48kWh  
(North America Excluded)



Lynx Home F Series

High Voltage Battery



Module Auto Recognition



Remote Diagnosis & upgrade



Auto under-voltage Reboot



IP65 for indoor or outdoor installation



Safe & Reliable



Ultra Rapid Battery Charge



## Smart Energy Management System

GoodWe Smart Energy Management System (SEMS) is a cost-free monitoring platform which offers reliable operation of photovoltaic plants for maximum yields. SEMS allows operators to simultaneously monitor a diverse range of photovoltaic power plants in different locations in real time. Extensive data processing, customized charts, and alarm and maintenance functions ensure that operators, operations managers and asset managers can comfortably and efficiently manage the systems, ensuring maximum yields.

SEMS includes a range of functions and features to ensure reliable operation and to deliver precise information to operators at the press of a button. It is accessible by multiple accounts with different levels of access for owners, installers and EPC companies.



Multilingual platform



The live and archived data from any PV power plants in a particular account can be called up and graphically displayed.

# THANK YOU

**GOODWE** POWER SUPPLY TECHNOLOGY CO.,LTD.