GOODWE FAMILY

3000 +
Total number of employees

600 +
R & D staff

100 +
Overseas employees

GLOBAL SALES REVENUE

Turnover (Millions USD)

<table>
<thead>
<tr>
<th>Year</th>
<th>2016</th>
<th>2017</th>
<th>2018</th>
<th>2019</th>
<th>2020</th>
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<tbody>
<tr>
<td></td>
<td>65.34</td>
<td>161.57</td>
<td>128.53</td>
<td>145.44</td>
<td>244.44</td>
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</table>
GoodWe Awards

2018
Top 4 Three-phase String Inverter Globally

2015-2020
The Sole Inverter Brand to Have Won the Award for 6 Consecutive Years

2017-2021
EuPD Top Brand for 5 Consecutive Years (AU & NL & PL & ES & PK & RSA)

2019
World’s No.1 Hybrid Storage Inverter Supplier

2019
PV Magazine Award
No.1 Home Storage Supplier

by Wood Mackenzie
GOODWE SOLUTIONS
0.7-250kW
One-Stop-Shop

- Lithium-Batteries in addition to inverter portfolio
- All needed components from one manufacturer
- Perfectly matched with GoodWe inverters
- One single support address
**One-Stop-Shop**

- Lithium-Batteries in addition to inverter portfolio
- All needed components from one manufacturer
- Perfectly matched with GoodWe inverters
- One single support address

**ESA Serie**
- 5.4–10.8 kWh
- All-in-One System (LV)

**Lynx Home U**
- 5.4–32.4 kWh
- Low voltage battery (LV)

**Lynx Home F**
- 6.6–16.4 kWh per tower
- High voltage battery (HV)
Agenda

• Specification
  • Flexible
  • Safe
  • Easy
Specification

- Wide capacity range 6.6 – 16.4 kWh
- Suitable for 1ph, 3ph, hybrid and retrofit installations
- IP55 for indoor and outdoor use

<table>
<thead>
<tr>
<th></th>
<th>LX F6.6-H</th>
<th>LX F9.8-H</th>
<th>LX F13-H</th>
<th>LX F16-H</th>
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</thead>
<tbody>
<tr>
<td>Chemistry</td>
<td>LFP</td>
<td>LFP</td>
<td>LFP</td>
<td>LFP</td>
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<tr>
<td>Modules</td>
<td>2</td>
<td>3</td>
<td>4</td>
<td>5</td>
</tr>
<tr>
<td>Useable Energy</td>
<td>6.6 kWh</td>
<td>9.8 kWh</td>
<td>13.1 kWh</td>
<td>16.4 kWh</td>
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<tr>
<td>Voltage</td>
<td>182 ~ 230V</td>
<td>274 ~ 346V</td>
<td>365 ~ 461V</td>
<td>456 ~ 576V</td>
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</table>
Lynx Home F (VDE)

Upgrade of LXF (CE)

- Advanced safety standard VDE2510-50
- Connection of up to 8 towers in parallel → 131kWh

Under development
Agenda

• Specification
  • Flexible
  • Safe
  • Easy
System Sizing

Example: 6 MWh/a → For 9 MWh/a PV in CE ~ 9 kWp & 6 – 12 kWh Battery

→ suggestion: GW6,5K-ET + LX F 9.8-H: up to 9,8 kWp & 4,8 kWh nutzbar
## One-Stop-Shop & Flexible application

<table>
<thead>
<tr>
<th>Compatibility Residential inverters [3,0-10kW]</th>
</tr>
</thead>
<tbody>
<tr>
<td>**1ph (230V) (<em>S / <em>H)</em></em></td>
</tr>
<tr>
<td><em><em>Hybrid inverters (E</em>)</em>*</td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td><em><em>Battery inverters (B</em>)</em>*</td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td><strong>Battery Lynx Home F</strong></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td><strong>HV</strong></td>
</tr>
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- SPI Rank 2
- SPI Rank 5
- 93,4%
- 91,2%
Agenda

• Specification
  • Flexible
  • Safe
  • Easy
Safe and reliable

• Prismatic LFP Cells: High cycle stability and ideal safety characteristics

• Compliant with IEC62619 (safety standard for batteries)
  • VDE2510-50 (advanced German safety standard) available
    from Lynx home F (VDE)

• 10 years Product warranty + 10 years Performance warranty
Agenda

• Specification
  • Flexible
  • Safe
  • Easy
Easy to install

For SOC and Fault visualisation

(SOC + Error indication)

Plug and Play communication

Simple parallel connection of up to 8 towers

Interfaces for electrical connection

PCU (25kg)

Modules (43kg)

Base (4kg)

self connecting modules
Easy to commission and maintain

- Auto-detection of Modules in series
  - Plug and Play communication
  - All cables pre wired
  - No adoption in field
  - No dip switch setting
  - No battery commissioning

- Connected to SEMS over inverter internet access
  - Monitoring and warranty tracking in one portal
  - Firmware update packages (inverter + battery)
  - Full control

- Inverter can reboot battery after **uncritical errors**
  - No manual reboot on site necessary
Agenda

• GoodWe PLUS+
GoodWe PLUS+ Installer Program

What are the benefits of GoodWe PLUS+ for installers?

1. **QUALIFIED AS GOODWE PLUS+ INSTALLERS**
2. **FREE AUTOMATIC WARRANTY EXTENSION** (1)
3. **TECHNICAL HANDS-ON TRAINING IN GOODWE PRODUCTS**
4. **EXCLUSIVE AFTER-SALES AND WARRANTY BENEFITS** (2)

---

(1) Extension from 5 to 10 years for all on-grid inverters up to 20kW which are installed in the EU, UK, Norway, or Switzerland and which are connected to SEMS Portal.

(2) Please visit our website: https://en.goodwe.com/warranty.asp to get all information about warranty support.

<table>
<thead>
<tr>
<th>Language</th>
<th>Modul</th>
<th>Datum</th>
<th>Uhrzeit</th>
<th>Zoom-Link</th>
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<tbody>
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<td>German</td>
<td>Portfolio und Anwendung</td>
<td>14/03/2022</td>
<td>16:00</td>
<td><a href="https://us02web.zoom.us/webinar/register/WN_t38nbBMXQ2Oeob-fVqPf2w">https://us02web.zoom.us/webinar/register/WN_t38nbBMXQ2Oeob-fVqPf2w</a></td>
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<td>Troubleshooting und Service</td>
<td>16/03/2022</td>
<td>16:00</td>
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Other Timings and languages (EN, DE, PL, ES, IT, NL, FR) → https://en.goodwe.com/goodwe-plus-customer-program
THANK YOU