

# Goodwe Lynx F G2 Fact Sheet

## Background:

Goodwe Lynx F G2 series of battery is a high voltage lithium battery with safe battery technology (LFP). It is to replace the current Lynx F model especially designed for Goodwe EH, ET and GE hybrid products.

## Lynx battery overview:

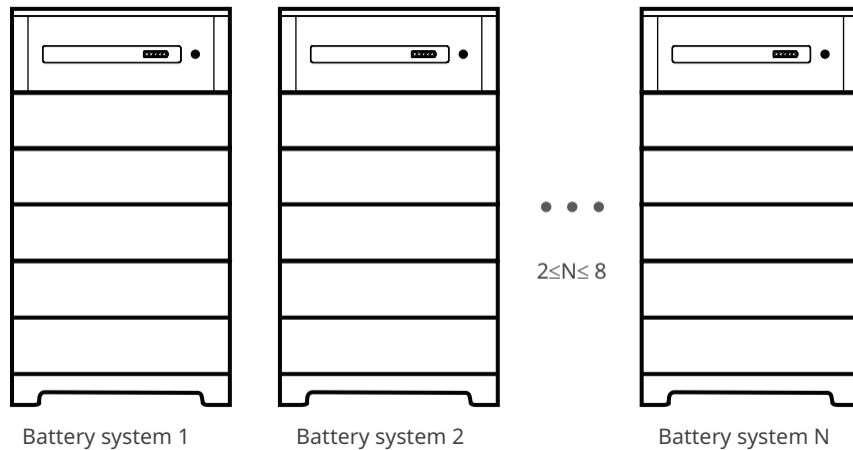


## Facts:

- Goodwe Lynx F G2 series of battery only can be connected with Goodwe storage inverters models listed below:
  - GW3600-EH, GW5000-EH, GW6000-EH
  - GW5KL-ET, GW6KL-ET, GW8KL-ET, GW10KL-ET
  - GW15K-ET, GW20K-Et, GW25K-ET, GW29.9K-ET
  - GEH5.0-1U-10, GEH8.6-1U-10, GEH10-1U-10
- Lynx F series of battery is high voltage battery with LFP (LiFePO 4) technology.
- Lynx F series of battery is stackable battery bank. One battery stack is 3.2kWh. The min 3 stacks (9.6kWh) and max 9 stacks (28.8kWh) per battery tower.

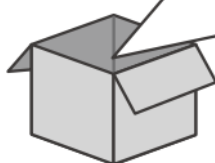
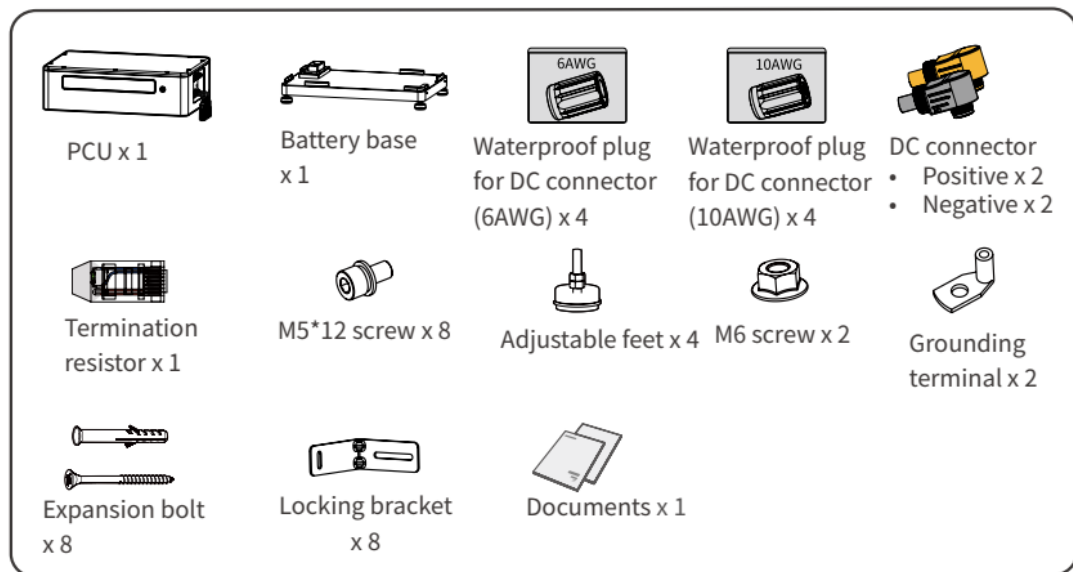
Technical Data	LX F9.6-H-20	LX F12.8-H-20	LX F16.0-H-20	LX F19.2-H-20	LX F22.4-H-20	LX F25.6-H-20	LX F28.8-H-20
Usable Energy (kWh) <sup>1)</sup>	9.6	12.8	16.0	19.2	22.4	25.6	28.8
Battery Module	LX F3.2-20 64V 3.2kWh						
Number of Modules	3	4	5	6	7	8	9

- Lynx F G2 battery towers can be connected in parallel up to 8 towers (Max 230.4KWh)



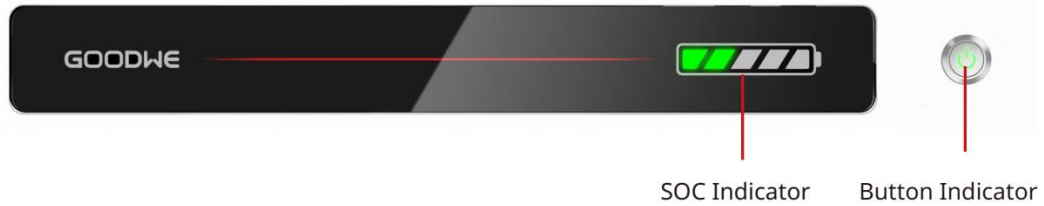
- Lynx F G2 comes with all necessary accessories such as connection glands for battery terminal, side brackets and screws etc. Installers just need to prepare power cable and external breaker if requested.

**Power control unit**



- Lynx F G2 top PCU and Base are in one box. No additional base purchase requested.

- Front SOC bar easily indicates the electricity status per battery tower. The front button is easy to shut down the battery under emergency.



- Charging/discharging current from lynx F G2 battery is 35A, the nominal battery voltage varies between 192V – 576V depending on the battery stacks used.
- 50A DC build-in breaker is pre-assembled on the left side of Lynx F G2 PCU to double-protect the battery.
- No additional power cables and data cables are requested between Lynx F G2 batteries installation, which hugely reduces the installation time and cost.

Installation video can refer to the link below:

<https://youtu.be/2LPaBVj5YKQ>

- Lynx F G2 battery can be directly connected with Goodwe storage inverter by using the pre-connected Goodwe BMS data cable. PV master has lynx F G2 battery option to select for commissioning.
- By connecting with Goodwe inverters, battery firmware can be upgraded remotely if necessary.
- Battery is IP55 and allows to be installed indoors or outdoors.
- Lynx F battery offers a 10-year warranty with a minimum through output energy guarantee, referring to the table below.

<b>Model No.</b>	<b>*Usable Energy (kWh)</b>	<b>Minimum Through Output Energy (MWh)</b>
<b>LX F 6.6-H</b>	<b>6.55</b>	<b>16.77</b>
<b>LX F 9.8-H</b>	<b>9.83</b>	<b>25.16</b>
<b>LX F 13.1-H</b>	<b>13.10</b>	<b>33.54</b>
<b>LX F 16.4-H</b>	<b>16.38</b>	<b>41.93</b>

Warranty in details referring to the 'Goodwe lynx battery warranty terms and conditions'

- Lynx F G2 battery is on CEC battery product list under Goodwe Technology Pty Ltd

- Lynx F G2 battery and Goodwe inverter package should be on SA home battery Scheme, SolarVIC scheme and NSW home battery scheme soon. Goodwe Australia offers updates regularly.

Any further questions, please contact with Goodwe Australia local team.

Date: 27/09/2022

Goodwe Australia Pty Ltd



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