## GOODWE

## **Residential Smart Inverter Solutions**

## ET 5-10kW+Lynx Home F / Lynx Home D

## Quick Guide

#### WARNING

The information in this quick guide is subject to change due to product updates or other reasons. This guide cannot replace the product labels or the safety precautions in the user manual unless otherwise specified. All descriptions in the manual are for guidance only.

## 01 Networking



Device	Model	Description
Inverter	GW5KL-ET, GW6KL-ET, GW8KL-ET, GW10KL-ET, GW5KN-ET, GW6.5KN-ET, GW8KN-ET, GW10KN- ET, GW5K-ET, GW6.5K-ET, GW8K-ET, GW10K-ET	-

Device	Model			Description	
Battery system	Lynx Home F (G2) 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	Lynx Home F ,F Plus LX F6.6-H LX F9.8-H LX F13.1-H LX F16.4-H	Lynx Home D LX D5.0-10	<ul> <li>A maximum of 8 battery systems can be clustered in a system.</li> <li>Do not mix connect battery systems of different versions.</li> </ul>	
Smart meter	GM3000			<ul> <li>Only for single inverter.</li> <li>GM3000: GM3000 and the CT, which cannot be replaced, are included in the inverter package. CT ratio: 120A/40mA.</li> </ul>	
Smart Dongle	ngle • Wi-Fi Kit • 4G Kit-EC or 4G Kit-AU			<ul> <li>For single inverter or parallel connected inverters.</li> <li>A smart dongle is required for each inverter in the parallel system.</li> </ul>	
Smart Energy Controller SEC1000S		<ul> <li>Only for the parallel system. A maximum of 10 inverters can be parallel connected.</li> <li>GM3000 integrated.</li> </ul>			

## 02 Power On/Off

V1.1-2024-06-07



④ : Install or not based on local laws and regulations.





SEMS Portal APP SEMS Portal WEB

Steps	<ol> <li>Installation</li> </ol>	2 PE	🕄 AC	<b>4</b> CT	<b>9</b> NET	6 DI
Inverter					NET 12 3	
Tools	1 D: 45mm \$\\$8mm	M5 ( 1.2N · m	2 M7 (⊕ 3.5N⋅m	M3 🔂 0.6N·m		
	ST6.3 ( 6N·m		<sup>3</sup> M5 (⊕ 1.2N⋅m			M2 ( 0.2-0.3 N · m



#### 04 Wiring Diagram

ET 5-10kW (single) + Lynx Home F or Lynx Home D+ GM3000 + WiFi/4G





### Battery System Wiring Diagram

UU AA Terminal resistor





#### **05 Equipment Commissioning**







SEMS Portal app

Download and open the APP, follow the prompts to connect the device.

#### **Quick Settings**

Click SolarGo APP Home>Settings>Quick Settings to complete quick settings step by step. Installer password: goodwe2010

#### Setting the Safety Code

#### Setting the BAT Connect Mode



Setting the Working Mode



# APN Settings Other Settings Wi-Fi Diagnosis Update Wi-Fi Password of Inverter 2



#### lel system only) Config

network cable, and configure the two on the same network segment. Default IP Connect of the SE

Start Pro LAN Configuration to fill in the IP inforamtion. Click Connect to connect the ProMate





Tap Home > Settings > Advanced Settings to set the following functions. Advanced Settings The function is disabled DRED/Remote Shutdown/RCR by default, if you need **DRED/Remote** ase check if turned on this function and cable Shutdown/RCR the detail please refer to the manual and loc

Setting the Advanced Parameters (single inverter only)

function, enable it. Three-phase Unbalanced Output . ON: The output power of each phase of the ON: The output power of each phase of the verter will be output according to the load ower of each phase, and the goal is to realize ro power trading of each phase. Configuring this function requires restarting evice. It is recommended to configure this after the configure the source of the configure the configure the source of the configure the source of the configure the source of the configure the configure the source of the configure the configuret the configure the configure the configure the configure the con

ce. It is recommended to configure this after r configurations are completed.

Backup N And PE Relay Switch

nstallation regulations

**Unbalanced Output** when the utility grid company adopts phase separate billing.



Setting the Power Limit Function Power Limit Power Limit 0 0 🗸 Export Power(W)

#### 7

#### **Configuring the Network**

Tap Home > Settings > Communication Setting > Network Settings to set network parameters.

WiFi Kit

Network Settings

guring the SEC1000	)S (parall
the SEC1000S and P C1000S: 192.168.1.2 Mate and click <b>Data</b> and the SEC1000S.	PC using a 200. I <b>Logger</b> >

#### 4G Kit-EC or 4G Kit-AU

<	APN Settings	Save
PN Info		
rea:Australia perator:Telstr PN Name:tels	a tra.internet	1 1 1
elect area and	loperator	
merican		$\sim$
ustralia		^
Telstra		0
Optus		$\bigcirc$
etherlands		$\sim$

After configuring the APN, unplug the Bluetooth module and insert the 4G Kit EC or 4G Kit AU module.

Setting number of the inverter connected to the COM port

COM Configurats n         COM1 Device Amount         COM2 Device Amount         COM3 Device Amount         COM3 Device Amount         Set         RCR. Setting         Enable         Only for Germany         SCB Configuration         Device Count:         Box No:         Set         Read         Choose Protoct         Custom         Modbus         Ner         *0.5s	Extogger Pro Info  Status  Connection Succeeds  N  24000RL 231R5085  Software Version  Vi-15  Inverter List  No. InverterSN Status	Setting the RCR for parallel system
	Online/Offline Amount   Refresh	

#### Creating a Power Plant

Create power plants and add equipments via SEMS Portal app.



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