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# DRIVING THE WORLD'S SMART ENERGY FUTURE

GoodWe

# Ezlink3000 when and where to use it?

The Ezlink is an additional Smart Dongle

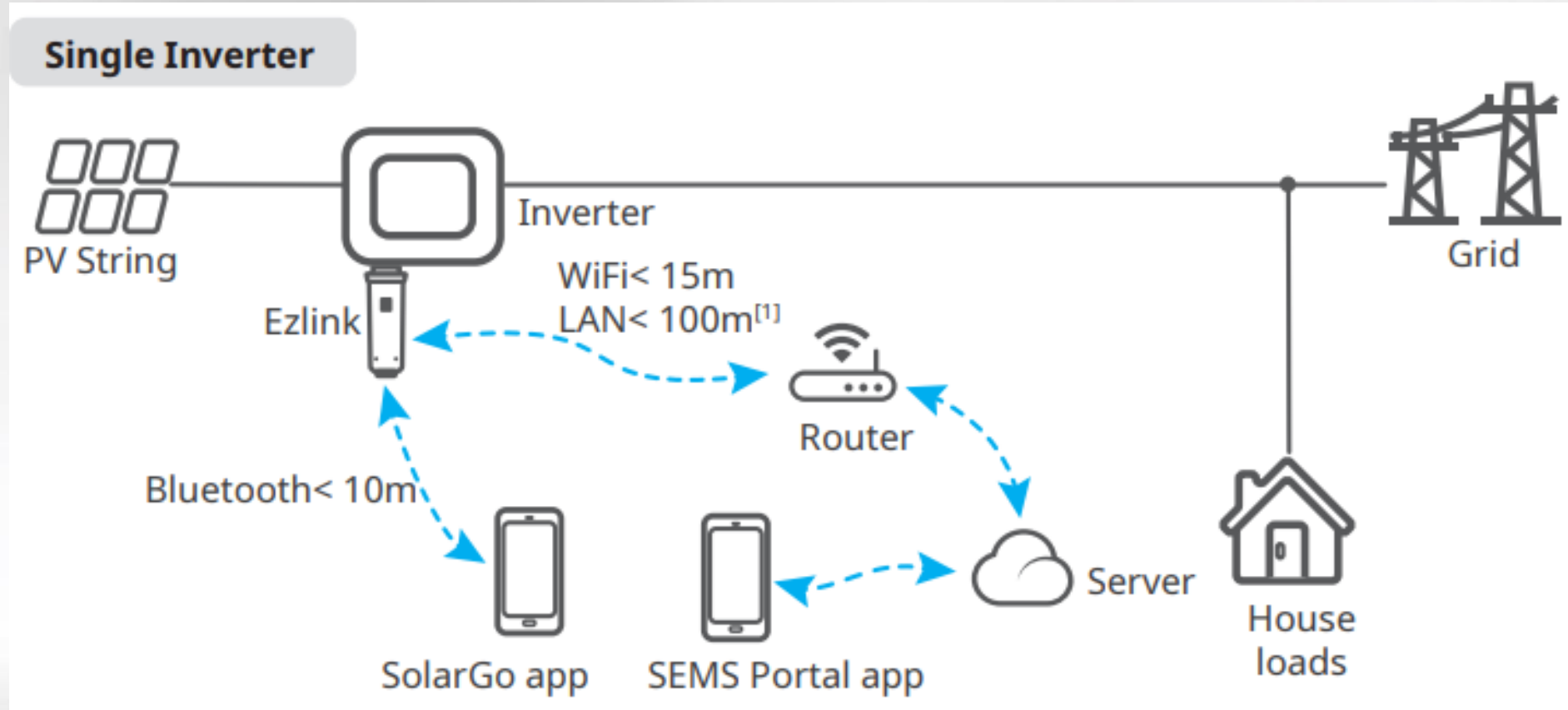
Compatible inverter models	ARM supported versions	Additional meter required
ES G2 (Parallel)	Version 06 and above	GM330(If load above 120A)
ES Uniq (parallel)	Version 00 and above	GM330(If load above 120A)
ETT (Common metering point)	Version 08 and above	GM330(If load above 200A)
HT1100 (Common metering point)	Version 16 and above	GM330

GM330 does not come with CT, it uses standard 5A secondary CT's

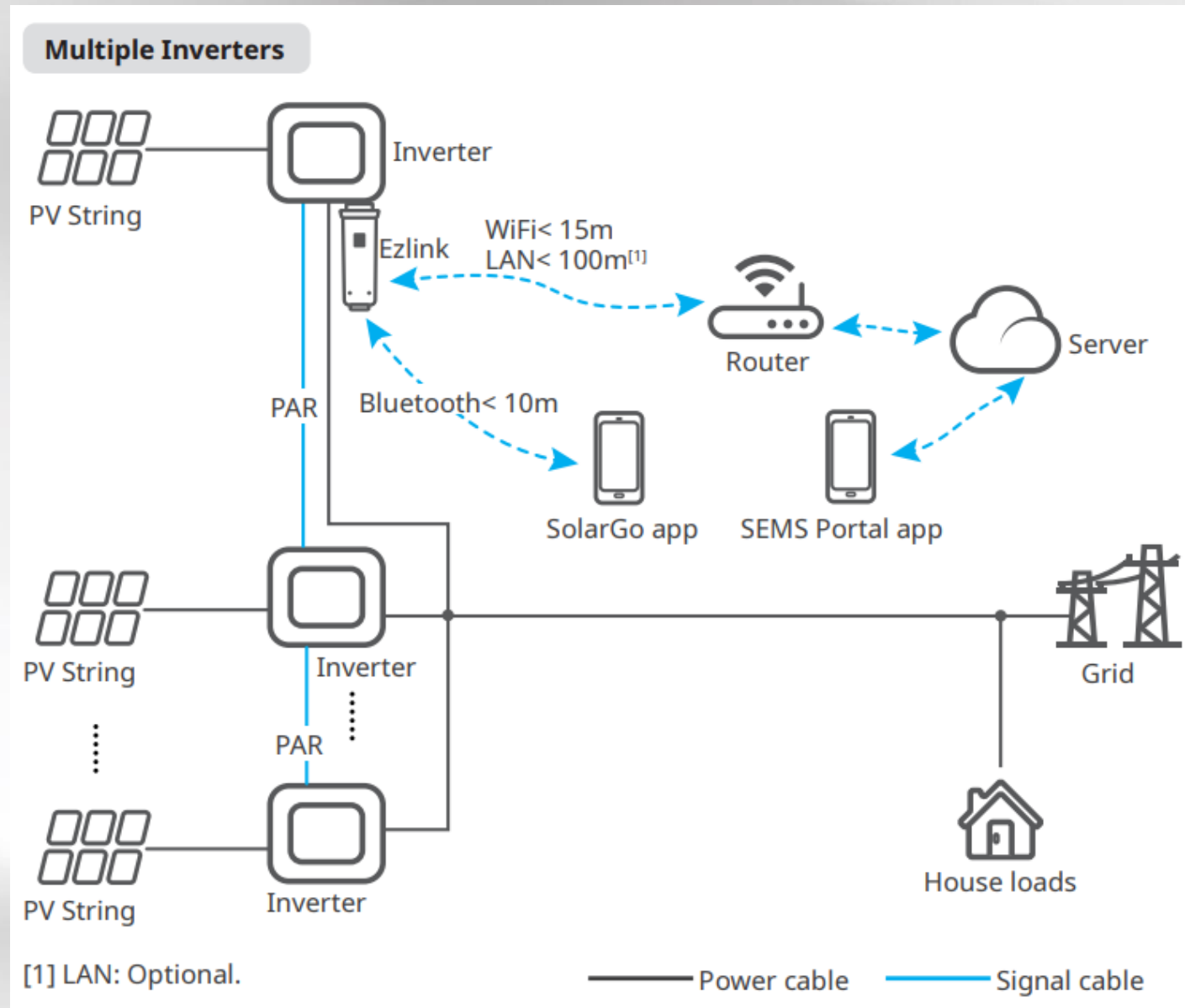


# Ezlink when and where to use it?

The device can be used for a single inverter where special data requirements are needed.

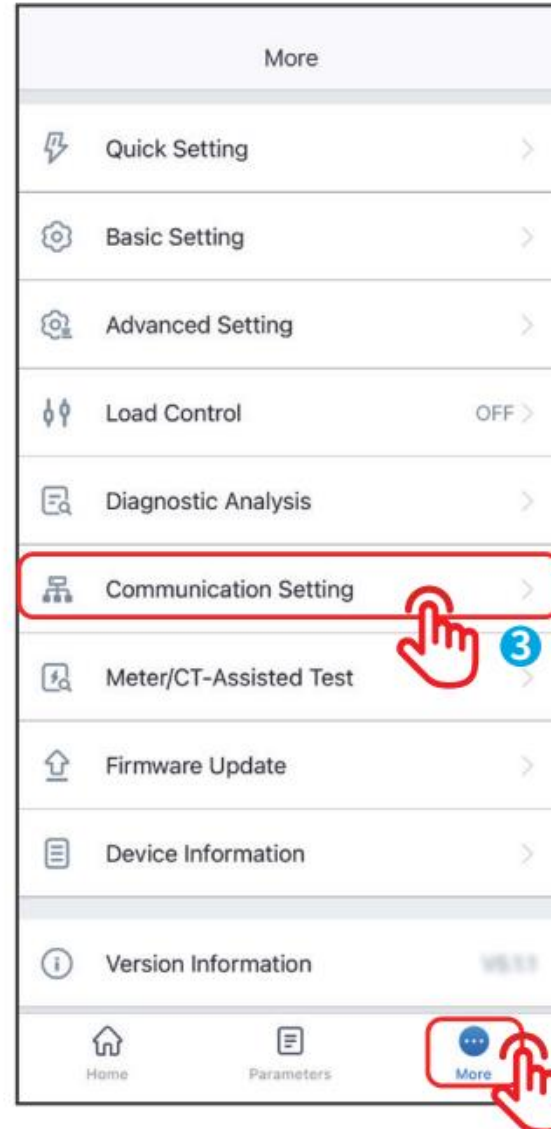
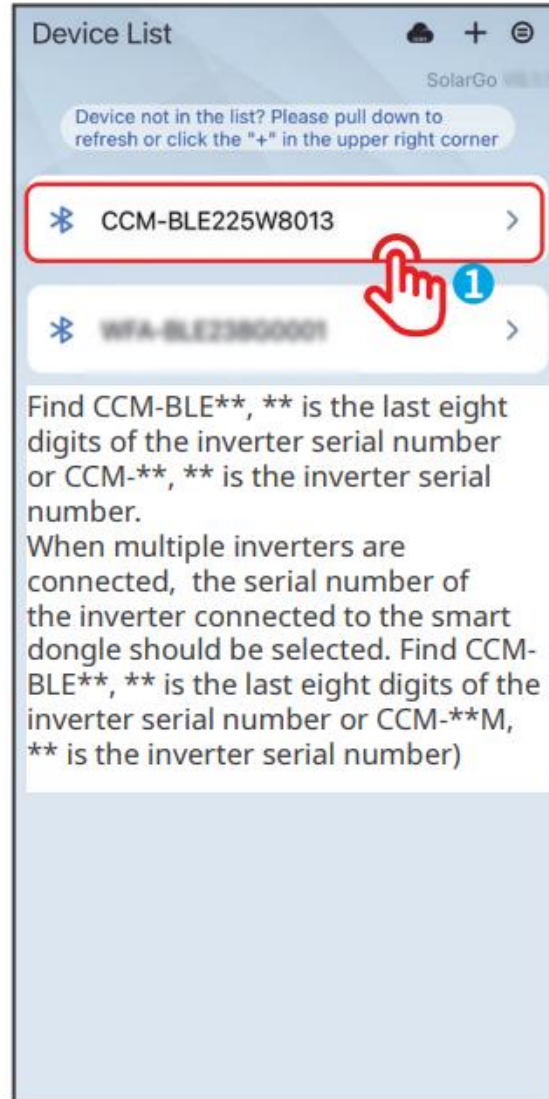


# Ezlink when and where to use it?



# Ezlink when and where to use it?

**(Optional)** When multiple inverters are parallel connected, refer to the user manual of the inverter for more system commission details.



# Grid types what and where to use?

The Grid code you need to use is predefined by the utility or national regulations

The image displays four sequential screenshots from a mobile application interface, illustrating the configuration of safety settings and protection parameters.

- Screenshot 1: Select Safety Settings**
  - Left sidebar: Europe, Oceania, America, Asia, Africa, Others.
  - Main content: South Africa (selected), South Africa LV (checked).
- Screenshot 2: Select Safety Settings**
  - Left sidebar: Europe, Oceania, America, Asia, Africa, Others.
  - Main content: Default (selected), 50Hz 127Vac Default, 50Hz\_Default (circled in red), 60Hz 127Vac Default, 60Hz Default, IEC61727 60Hz, Warehouse.
- Screenshot 3: Safety Parameter Settings**
  - Active Power Mode Settings >
  - Reactive Power Mode Settings >
  - Protection Parameters >
  - Connection Parameters >
  - Voltage Ride Through >
  - Tips: [Safety Parameter Settings] is a professional parameters settings, non-professionals do not change the relevant parameters.
- Screenshot 4: Protection Parameters**
  - Voltage Protection Parameters:
  - OV Stage1 Trip Value: 260.0 (260.0) ✓
  - OV Stage1 Trip Time: 0.12 (0.12) ✓
  - UV Stage1 Trip Value: 195.0 (195.0) ✓
  - UV Stage1 Trip Time: 0.16 (0.16) ✓
  - OV Stage2 Trip Value: 253.5 (253.5) ✓
  - OV Stage2 Trip Time: 1.80 (1.80) ✓
  - UV Stage2 Trip Value: 195.0 (195.0) ✓
  - UV Stage2 Trip Time: 9.00 (9.00) ✓
  - OV Stage3 Trip Value: 253.0 (253.0) ✓
  - OV Stage3 Trip Time: 38.00 (38.00) ✓
  - UV Stage3 Trip Value: 195.0 (195.0) ✓
  - UV Stage3 Trip Time: 9.00 (9.00) ✓

Where there is no defined grid regulation

If needed adjust the maximum voltage range

# Grid types what and where to use?

You can customize values to follow regulations from any country if its not available to select

< Connection Parameters

Ramp Up:

Upper Voltage	251.0	251.0	✓
Lower Voltage	197.5	197.5	✓
Upper Frequency	50.50	50.50	✓
Lower Frequency	47.10	47.10	✓
Observation Time	60	60	✓

Soft Ramp Up

Soft Ramp Up Gradient 600 600 ✓

Observation Time 60 60 ✓

Reconnection:

Upper Voltage	251.0	251.0	✓
Lower Voltage	197.5	197.5	✓
Upper Frequency	50.50	50.50	✓
Lower Frequency	47.10	47.10	✓

< Voltage Ride Through

LVRT

Ride through voltage start point	184.0	184.0	✓
Ride through voltage end point	39.1	39.1	✓
Ride through time start point	3.00	3.00	✓
Ride through time end point	0.20	0.20	✓
Ride through trip threshold	184.0	184.0	✓

Success

HVRT

Ride through voltage start point	264.5	264.5	✓
Ride through voltage end point	287.5	287.5	✓
Ride through time start point	10.40	10.40	✓
Ride through time end point	0.16	0.16	✓
Ride through trip threshold	287.5	287.5	✓

< Reactive Power Mode Settings

Select mode:

fix PF	<input type="checkbox"/>
fix Q	<input type="checkbox"/>
Q(U) Curve	<input type="checkbox"/>
cosφ(P) Curve	<input type="checkbox"/>

< Active Power Mode Settings

Output Active Power 100.0 100.0 ✓

Frequency and power parameters:

P(F) Curve (Frequency Power Curve)

Overfrequency Threshold	50.50	50.50	✓
Overfrequency Endpoint	52.00	52.00	✓
Power response to overfrequency gradient	500	500	✓
Underfrequency Threshold	47.00	47.00	✓
Underfrequency Endpoint	47.00	47.00	✓
Power response to underfrequency gradient	500	500	✓
Observation Time	1	1	✓
F(stop) Upper	50.50	50.50	✓
F(stop) Lower	47.00	47.00	✓
Reconnection Gradient	1	1	✓

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# After-Sales Service GoodWe

GoodWe

June 2022 V2.1.1



# How to contact GoodWe's technical support



[Our New service portal!](https://goodwetechnology.zendesk.com/hc/en-gb)

<https://goodwetechnology.zendesk.com/hc/en-gb>



**South Africa**



+27 861 126 777



[service.za@goodwe.com](mailto:service.za@goodwe.com)

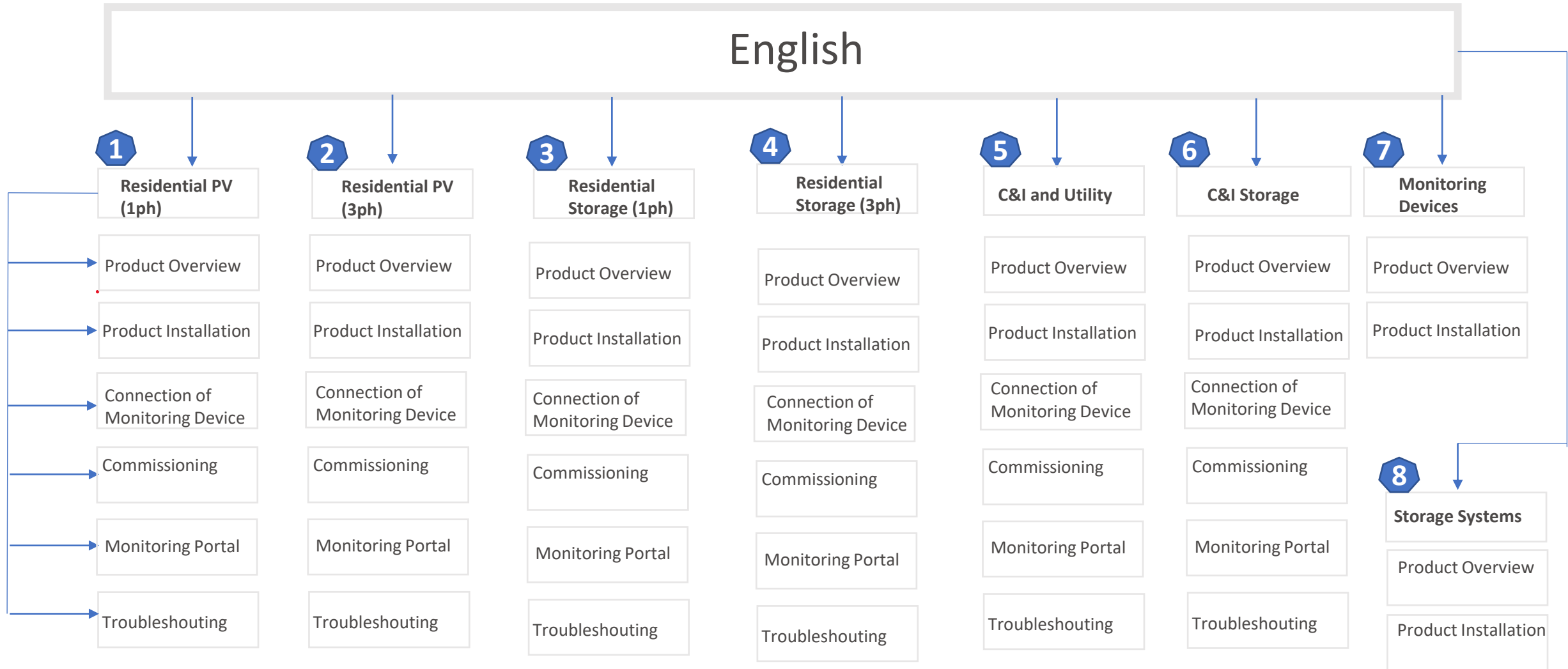


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# GoodWe Online Training



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Company Name \*

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SEMS Organization Code (GoodWe PLUS+ Upgra

Login Name (same as Email Address) \*

— Select country —

New password \*

Confirm new password \*

Sign Up





# My Courses





Enrolled (6) Completed (0)


## Courses


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Last viewed  
**GoodWe Company Introduction**  
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**1. Residential 1 phase PV Inverters**  
Learning Track  
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**2. Residential 3 phase PV Inverters**  
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- 

**3. Residential 1 phase Storage Solutions**  
Learning Track  
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- 

**4. Residential 3 phase Storage Solutions**  
Learning Track  
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- 

**5. C&I and Utility Inverters**  
Learning Track  
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- 

**6. C&I Hybrid Inverters**  
Learning Track  
0 of 14 courses completed

← Back to My Courses Contact instructor ?

Learning Track

## 1. Residential 1 phase PV Inverters

0 of 16 courses completed

Outline About Learning Track

- GoodWe Company Introduction** Hide Stage
  - GoodWe Company Introduction In Progress (10.07% viewed)
- Product Portfolio: 1 phase PV Inverters** Hide Stage
  - 1. Residential 1 phase PV Inverters Available after completion of the previous courses Locked
- Installation & Configuration** Hide Stage
  - 1. DNS G3 Available after completion of the previous courses Locked
  - Product Installation Quiz Available after completion of the previous courses Locked

# Video and Quiz per chapter

The screenshot shows a web interface for a course. At the top left is a red 'W' logo. Navigation links for 'My Courses' and 'My Trainings' are in the top center. On the right, there are icons for search, notifications (with a '15' badge), and a profile. The main header area features a background image of hands reading a book and writing in a notebook. Text in this area includes a back arrow and link 'Back to "1. Residential 1 phase PV Inverters"', a 'Course' icon, the title 'GoodWe Company Introduction', and a progress indicator 'In Progress (10.07% viewed)'. Below the title is a menu with 'Outline', 'About Course', 'Reviews', and 'Questions and Responses'. The 'Outline' section lists two items: 'GW Company Intro' (Video - 3 minutes, In Progress (20.14% viewed)) and 'GoodWe Company Introduction' (Online Quiz).

Register Now:

<https://goodweplus.ispringlearn.eu/signup/Z6dVFHknABzMcgRsq1QJ9NmWSSc>



THANK YOU