

Checklist for Commissioning Support

Dear valued Customer,

Thank you for choosing a GoodWe C&I product. For optimal support during commissioning of the products, we need you to answer the relevant questions and provide documentation of the installation location. This is a simplified description. The installation specifications can be found in our condition's manual.

Project Titel:

Titel:

System Partner (in charge Installer)

Company:		Contact person:	
Street:		Postal code:	
City:		Country:	
Telephone:		E-mail:	

Place of Installation & end customer

Company:		Contact person:	
Street:		Postal code:	
City:		Country:	
Telephone:		E-mail:	

System data:

GoodWe Inverter & Battery Information			
Inverter Name & Qty		Battery Name & Qty	
Inverter SN		Battery SN	
Connected PV power to GW inverter		Smart Meter	
Total plant PV power		CT's Ratio (nA:5A)	

System Use Case

<input type="checkbox"/> Self-Consumption	<input type="checkbox"/> Peak Shaving	<input type="checkbox"/> Grid Services
<input type="checkbox"/> Backup	<input type="checkbox"/> Time of Use	<input type="checkbox"/> Others

Please describe your Use Case:

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Planned Date for Commissioning Support

### Requirements & Regulations

- GoodWe's installation requirements & local installation requirements for Lithium-Ionen batteries have been complied and fulfilled
  - Room temperature is complied with battery requirements
  - Required local fire protection are fulfilled
  - Local requirements for Grid protection have been applied
- Please share a documentation of the installation area. (Via photo)
- Please share an electrical wiring diagram.

Before Installation:

### Delivery of products

- Please review closely that all products and the package content has been delivered
  - All parts of inverter package available
  - All parts of battery package available
  - Smart Meter (GM3000C or GM330) available
  - External CT's (Ratio XA to 5A) available

### Apps & Accounts

- SolarGo App
  - Please download the App to be able commission the system
- SEMS App
  - Please download the App to be able monitor the site
- SEMS Installer Account
  - Please create before the installation an installer account on webpage <https://www.semsportal.com/Home/InstallerOpenRegistration>
- GoodWe+ Portal
  - Please visit GoodWe+ portal and watch the training videos & installation videos <https://goodweplus.ispringlearn.eu/courses>

### Installation

All points must be documented via photo and share to GoodWe.

- Tools required
  - Please check under "Installation Tools requirements"
    - Crimping Tool Type YQK-300
    - Isolated tools (1000V) VDE tested --> required for battery installation

- Electrical Connection of inverter & battery
  - Power Connection to AC side is fulfilled completely
    - Grid connection has been applied to the inverter
    - Backup Load connection has been applied to the inverter
  - Smart Meter & Datalogger
    - Smart Meter & CT's connection has been applied to the inverter
    - Other datalogger
      - Please name the datalogger
  - Battery
    - Internal Connection of communication cables between battery modules has been applied
    - Internal Connection of power busbars between battery modules has been applied
  - Power Connection to DC side is fulfilled completely
    - PV power connection has been applied to the inverter
    - Battery connection has been applied to the inverter
- Communication connection
  - Smart Meter Communication is applied
  - Communication cable between battery and inverter is applied
  - Communication between RCR device and inverter is applied
- Internet Connection is prepared and connected to the inverter

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Name & Datum