

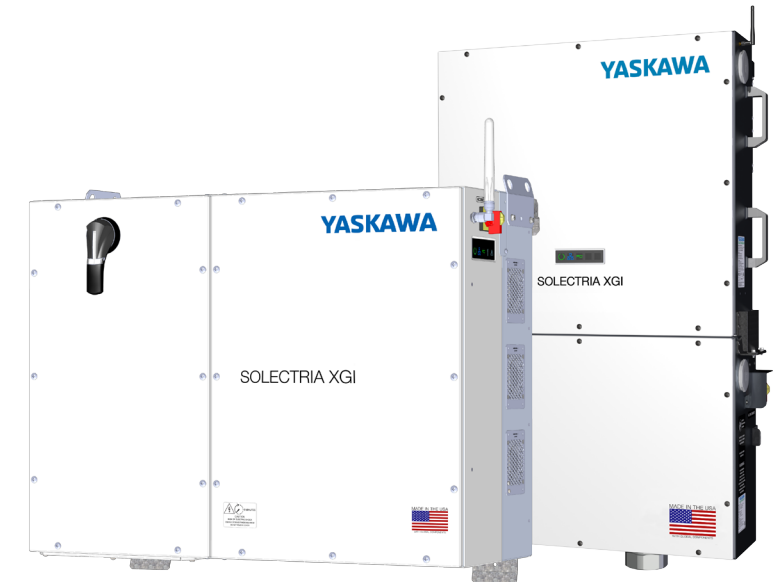
Overview

This document describes the process to configure the communications network between the inverters for a site.

Ensure each inverter is fully connected. If Ethernet connection is being used with a laptop to connect to the inverter, ensure the Ethernet cable is connected to one of the inverters. Then, ensure that all of the inverters (up to 50) are powered on to form a cluster or network of inverters. Large sites will require multiple clusters. Power on and initialize each cluster one at a time.



Communication Setup Quick Start Guide



SOLECTRIA XGI™ 1000
SOLECTRIA XGI™ 1500

Yaskawa Solectria Solar

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Lawrence, MA 01843

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9.2. Attorneys' Fees. In the event any proceeding or lawsuit is brought by YSS or Customer in connection with this Agreement, the prevailing party in such proceeding shall be entitled to receive its costs, expert witness fees and reasonable attorneys' fees, including costs and fees on appeal.

9.3. Injunctive Relief. It is understood and agreed that, notwithstanding any other provisions of this Agreement, breach of the provisions of this Agreement by Customer will cause YSS irreparable damage for which recovery of money damages would be inadequate, and that YSS shall be entitled to obtain timely injunctive relief to protect YSS's rights under this Agreement in addition to any and all remedies available at law.

9.4. Notices. All notices or reports permitted or required under this Agreement shall be in writing and shall be delivered by personal delivery or by certified or registered mail, return receipt requested, and shall be deemed given upon personal delivery or five (5) days after deposit in the mail. Notices shall be sent to the parties at the addresses in Exhibit A or such address as either party may designate for itself in writing.

9.5. Severability. In the event that any provision of this Agreement shall be unenforceable or invalid under any applicable law or be so held by applicable court decision, such unenforceability or invalidity shall not render this Agreement unenforceable or invalid as a whole, and, in such event, such provision shall be changed and interpreted so as to best accomplish the objectives or such unenforceable or invalid provisions within the limits of applicable law or applicable court decisions.

More Information

See full Installation and Operation Manual for SOLECTRIA XGI 1000 & SOLECTRIA XGI 1500 on our website

www.solectria.com/support/documentation

Need Help?

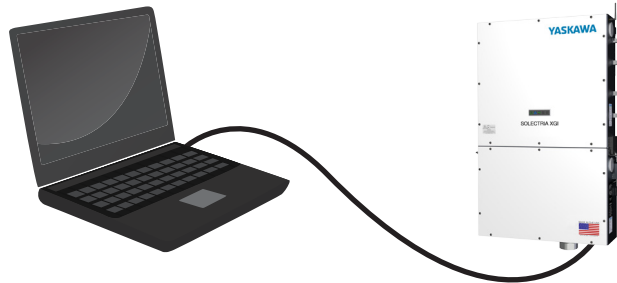
Call Yaskawa Solectria Solar Technical Support & Service Department
(978) 683-9700 ext 2

1. Before You Begin

Choose Connection Type

- Hard wired Connection

Remove cover of the wiring box and connect an Ethernet cable to laptop and the port on the right side of the inverter.



- Connect Wirelessly

Use WiFi enable device to connect to the default network using credentials below in the same way as to connect to an internet WiFi connection.



WiFi SSID: **XGI-00-006**
Password: **Solectria**
(Case sensitive)

2. SOLECTRIA XGI Startup Wizard

Visit **xgi.solar** via internet browser
Select inverter from list

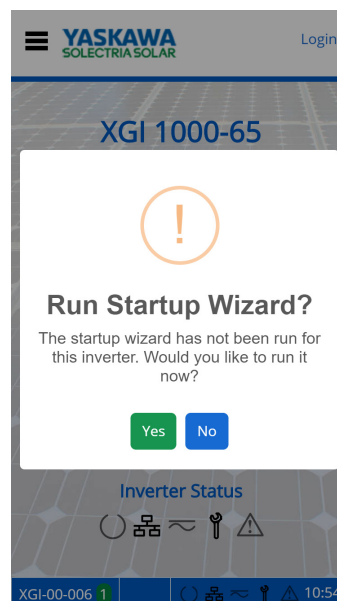
Upon selection, the SOLECTRIA XGI Startup Wizard window will appear - Click **Yes** to continue setup.

If the window does not appear or is closed, the Wizard may be accessed from the menu in the upper left corner **☰** > **Inverter Configuration** > **SOLECTRIA XGI Startup Wizard**

Log in using credentials below

Default User Name: **admin**
Default Password: **SolectriaSolar**
(Case sensitive)

Troubleshooting: If the error “Page not found” occurs, turn mobile data OFF temporarily while setting up inverter.



3. Edit Inverter Name

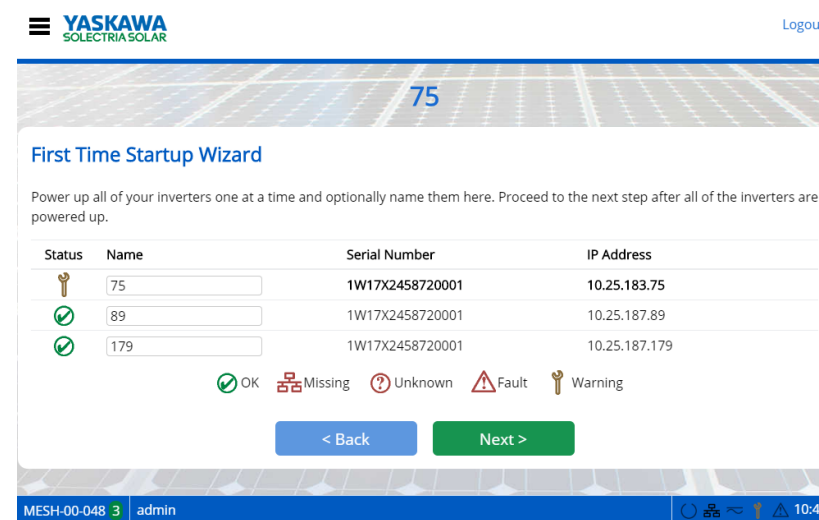
Allows user to rename inverter while in admin mode. Default value is inverter serial number.

Note: Inverters may be renamed on this page, but are not designated to a network cluster* until the next step.

*“Network cluster” is a group of inverters that share a SSID and are connected together.

- Review list to ensure all inverters for network cluster are listed
- If inverters are missing, power cycle until inverters display on list
- Rename inverters once all are displayed

Note: Network clusters have a max quantity of 50 inverters.



4. Inverter List

Allows user in administrator mode to add or remove inverters from network cluster.

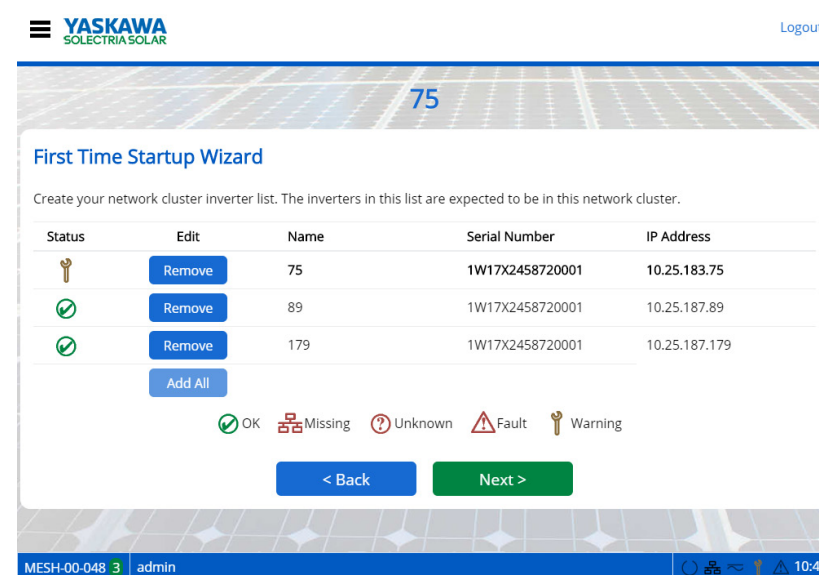
Adding inverters to network cluster:

- Add All** button - adds all inverters listed automatically
- Add** button - add individually

Removing inverters from network cluster:

- Remove** button - removes individually

Once done, click Next.



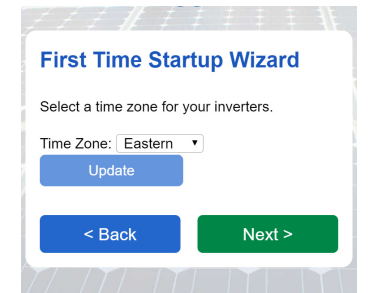
5. Time Zone Configuration

Allows user in admin mode to select display and inverter time zone.

Select the time zone inverter is installed in from the drop down menu.

Click Next to confirm selection.

Note: Upon selection, inverters will automatically synchronize with an internet time server



6. Wireless Network Configuration

Allows user to define the SSID for a network cluster of inverters.

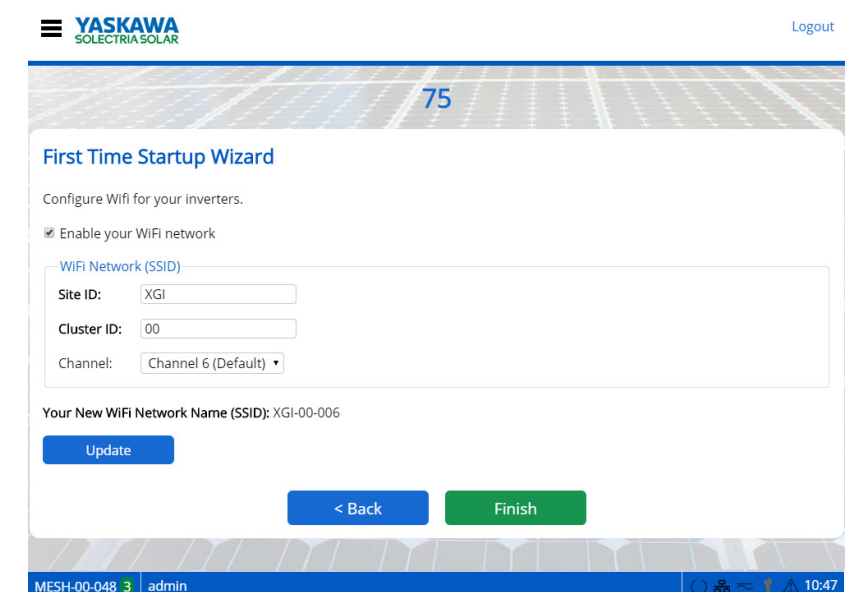
Default SSID is made up of 3 components: Site ID, Cluster ID, and channel. Formatting for SSID is [Site ID]-[Cluster ID]-[Channel].

Any changes to the following values will be applied to all inverters in cluster.

- Define **Site ID** (unique 10-char, letters and numbers)
- Define **Cluster ID** (unique number)
- Define **Channel** (select from dropdown menu)
 - Tip:** If network is slow, try changing channels. Channel selected may have other devices on it.
- Define **SSID** ([Site ID]-[Cluster ID]-[Channel])

WiFi Network can be disabled by deselecting the check box.

Note: If WiFi is disabled, inverter must be connected to laptop via Ethernet cable. Inverter WiFi cannot be turned back on wirelessly. Please exercise extreme caution when deciding to uncheck this box.



Once these steps are complete, the communications to all inverters in the network cluster are initialized.

For more information, please visit our website - www.solectria.com