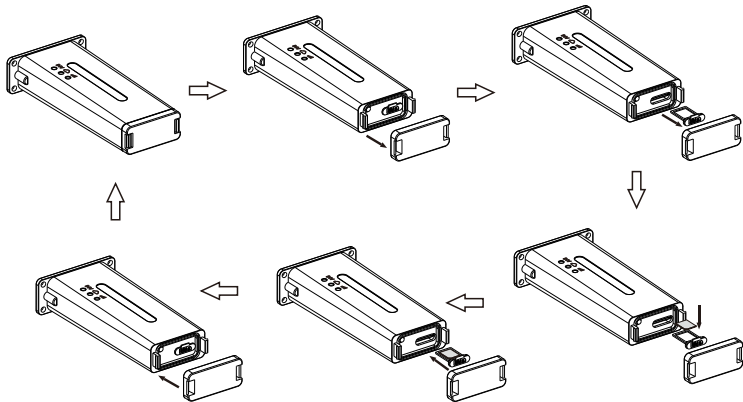


EG4 18KPV | 6000XP Monitoring Adapter | 4G Installation Guide



1. SIM Card Installation

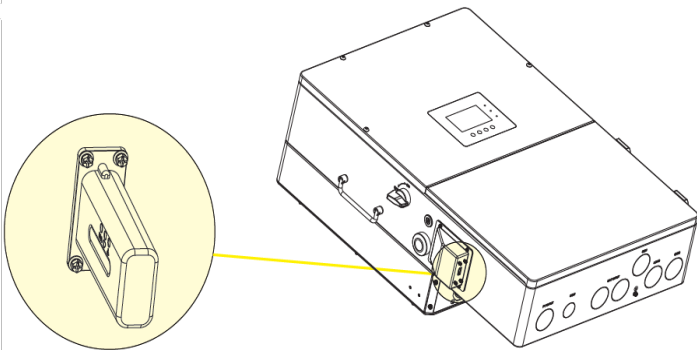
- Squeeze tabs on the end of the datalogger together and remove the bottom cover.
- Pull out the card holder, insert the included SIM card, and then reinsert the card holder into datalogger.
- Reattach the bottom cover onto the datalogger and press into place.



Note: The included SIM card comes with **5 years** of service. After this time, a new SIM card will be required to continue 4G monitoring.

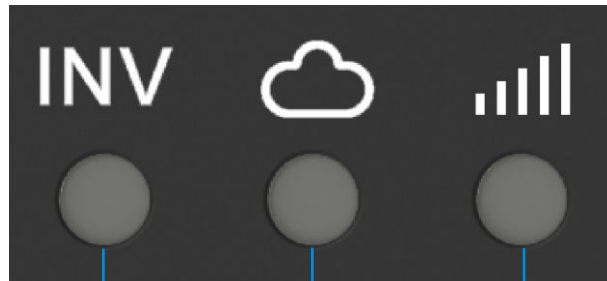
2. Datalogger Installation

- Power down the inverter, following the proper shutdown procedures found in section 6.4 of the user manual which can be downloaded here: <https://eg4electronics.com/downloads/>
- Plug the datalogger into the inverter and affix with the four screws provided (see diagram below).



3. GPRS/4G Operation

Description of LED light status:

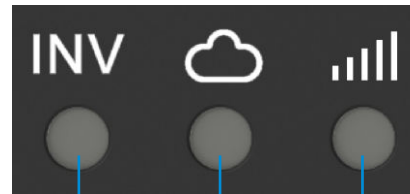


INV LED: Indicates the communication status between the datalogger and inverter.

Module LED: Indicates the status of the GPRS or 4G module.

Net LED: Indicates the communication status between datalogger and network.

- Power on the inverter, following the proper startup procedures found in section 6.4 of the user manual located here: <https://eg4electronics.com/downloads/>
- When powering on for the first time after installation, the LED of the datalogger will light as follows:



Not Lit

Flashing Green

Solid Green

| LED Status | Working Status |
|-------------|-----------------|
| Not Lit | Not Working |
| Flashing | Waiting to Work |
| Solid Green | Working Normal |

Reset Button

Remove the bottom cover. One side is the SIM card holder and the other side is a button. Press and hold the button for more than 3 seconds to reboot the datalogger.



4. Registration and Adding Device

Note: If an account has been previously created, the datalogger can be added to the account station using the datalogger SN and PIN (skip registration steps)

- After connecting the datalogger, create an end-user account by registering at <https://monitor.eg4electronics.com/>. To create [distributor](#) or [installer](#) accounts, please contact support@eg4electronics.com for assistance.
- Or, download the 'EG4 Monitor' app to register for an end-user account. Available on Google Play or Apple APP store

APP Name: EG4 Monitor



Download Information

Scan the QR code which will take you to the EG4 Electronics downloads page. Look for the 18KPV-12LV inverter downloads, then tap on the appropriate app link.

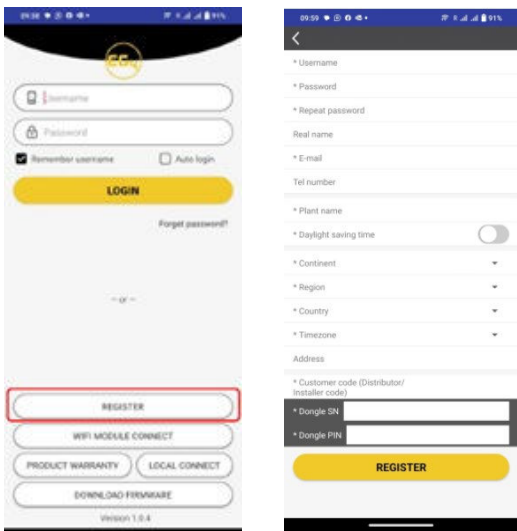
c. When registering the account, provide the following information:

c-1. Customers code: This is the code provided by a distributor or installer. Please contact your distributor or installer to obtain this code.

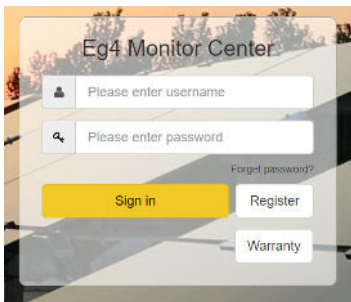
c-2. Datalogger SN: : The serial number is attached to the datalogger shell.

c-3. Datalogger PIN: The Pin is attached to the datalogger shell below the SN.

Using Phone to Register



Using Web to Register



Using Web to Register Cont.

* Username

* Password

* Repeat password

Nickname

* E-mail

Tel number

* Station name

* Daylight saving time Yes No

* Continent

* Region

* Country

* Timezone

Address

* Customer code

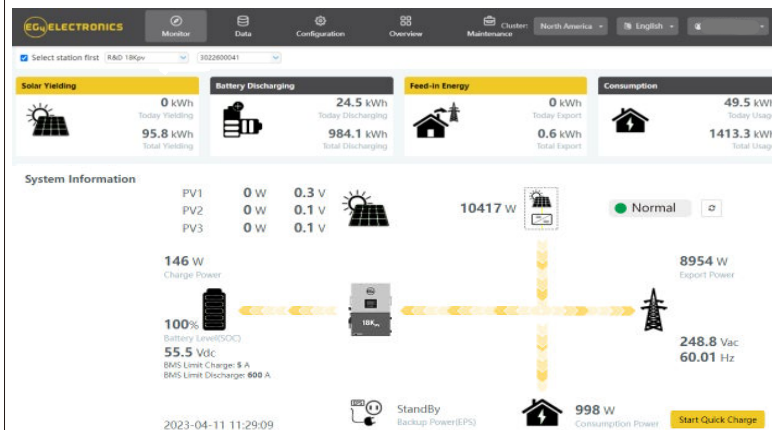
* Datalogger SN

* Datalogger PIN

SN and PIN of Datalogger



d. Parameters and information about the PV system can be viewed on the "monitor" page, such as real-time system and energy information:



Troubleshooting

| LED Status | Working Status | Troubleshooting |
|------------------------|-----------------------------------------|-----------------------------------------------------------------------------------------------|
| All lights solid green | Communication is good | |
| INV LED flashing | Communication with inverter is not good | Check the connection between the inverter and datalogger. |
| Net LED flashing | Net communication is not good | 1. Check if GPRS/4G is registered? 2. Check SIM card status: loose, damaged, or no signal. |
| Module LED is not lit | Module is abnormal | 1. Push button for more than 3 seconds to restart the datalogger 2. Change out datalogger. |

For additional information regarding monitoring, see section 5.0 of the user manual which can be downloaded here: <https://eg4electronics.com/downloads/>