



Apple Store



**Google
Play Store**

INSTRUCTIONS

The PurePower App has been specially developed for reading and personalizing the **PurePowerPlus** and **PurePowerSwitch** inverters.

These inverters are equipped with a Bluetooth® module. So there is no external dongle required to establish the connection with the app. The range is about 10 meters. However, the operational distance is of course very dependent on the placement of the inverter, any plating, walls or objects, etc. that are located in between.

The app is available for Android and iOS and can be downloaded for free from the Playstore or Apple Store.

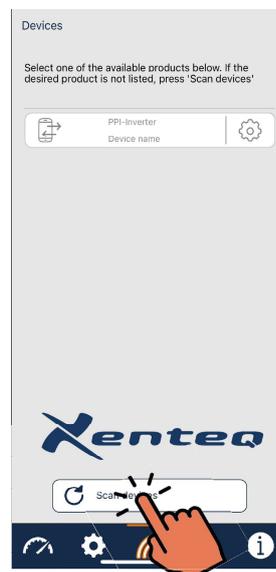
After installing the 'PurePower app' you can immediately start using it. Make sure the inverter is turned on. Open the 'PurePower app' on your mobile device.

Important:

- > give the app permission to use the location and Bluetooth, if this is asked at first use. Otherwise the app will not be able to detect the inverter.
- > Only work via the app and not via the Bluetooth settings of the phone itself.

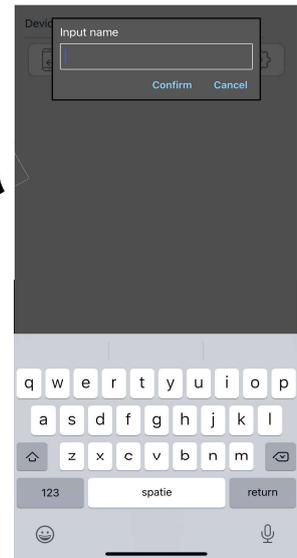
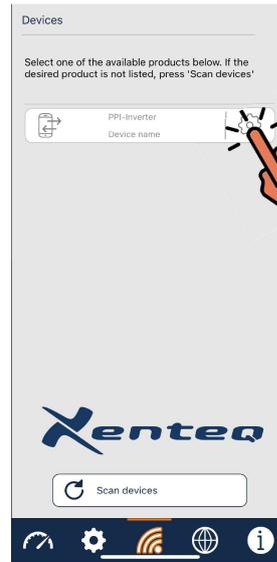
'DEVICES' PAGE

The app opens on this page. It shows all available inverters that are detectable. If necessary, press 'Scan devices' below to let the app search again.



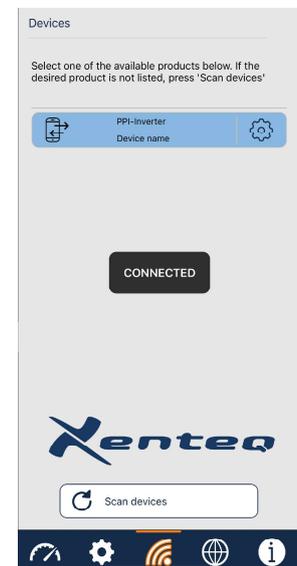
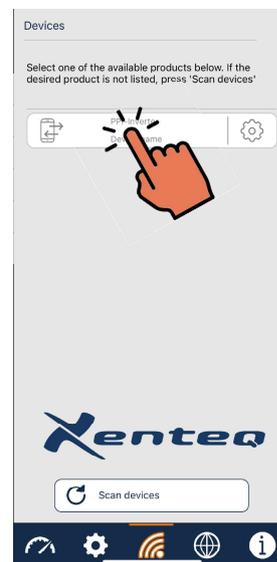
Change inverter name

By pressing the  icon on the right, it is possible to give the device in question its own name (max. 18 characters). This way you can, especially when using multiple devices, create your own ID. The custom ID name is tied to the mobile device with which the name was given.



Making connection

Click on the frame of the inverter you want to make contact with. If the app has been able to make contact with the inverter, the frame will turn blue. The app is now connected to the respective inverter.



'DASHBOARD' PAGE

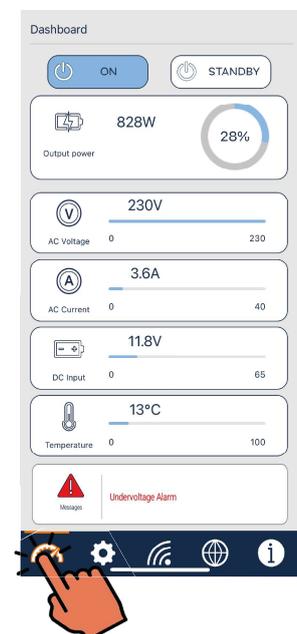
The inverter can be switched off with the 'STANDBY' function. Please note that the inverter is not completely turned off at that moment. At that moment, there is still a very low self-consumption (+/- 0.08A). Switch the inverter back on using the ON function. The inverter is immediately ready for use again.

Important: for the PurePowerPlus inverters, the standby function is only applicable for devices from software V1.06. For devices where standby cannot be used, a message will appear on the screen.

On the dashboard page, real-time information can be read about the performance and status:

- The power that the inverter is supplying on the output: in Watt and in percentage of the maximum power.
- The output voltage (VAC)
- The delivered power expressed in Amp.
- The measured input voltage
- The internal temperature
- Notifications

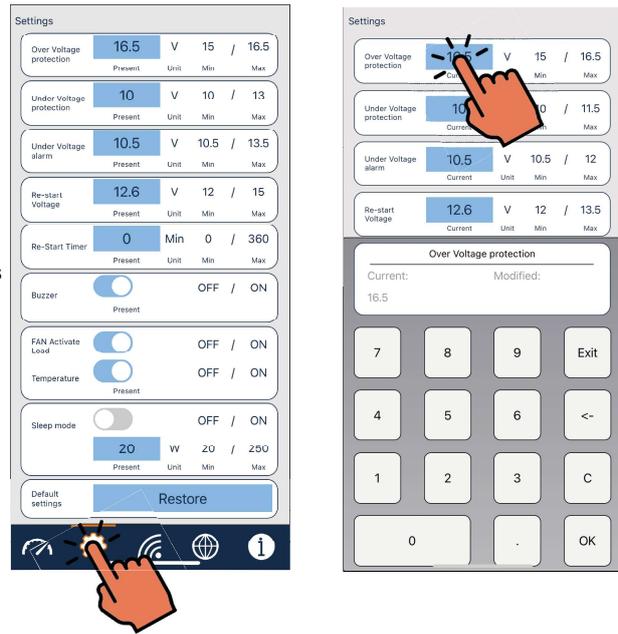
If an error message is detected during use, the corresponding error or warning will be displayed here. Refer to the inverter manual for troubleshooting.



'SETTINGS' PAGE

On this page you will see the settings and values that can be customized. By clicking on the relevant blue frame, you can adjust the current value or setting. Then press 'OK' and the setting you made will remain in the inverter's memory. If the app does not accept the setting you made, the value is outside the inverter's range. This means that your inverter does not yet have the associated software. See below sections.

You can switch the relevant function on or off using the sliders.



Overvoltage protection

The voltage at which the inverter switches off based on a too high input voltage.

	Factory setting	Minimum value	Maximum value
12Volt inverter	16,5V	15,0V	16,5V
24Volt inverter	33,0V	30,0V	33,0V
48Volt inverter	66,0V	60,0V	66,0V

The restart value after overvoltage is a fixed value: 14,5Vdc/29,0Vdc/58,0Vdc

Undervoltage protection

The voltage at which the inverter switches off based on a too low input voltage.

	Factory setting	Minimum value	Maximum value*	Maximum value**
12Volt inverter	10,0V	10,0V	11,5V	13,0V
24Volt inverter	20,0V	20,0V	23,0V	26,0V
48Volt inverter	40,0V	40,0V	46,0V	52,0V

* Applicable for PurePowerPlus inverters up to software V1.05. If a value above this range is entered, the app will not accept it.

** Applicable for PurePowerPlus from software V1.06 and for PurePowerSwitch inverters.

Undervoltage alarm (pre-warning)

The voltage at which the inverter gives the pre-warning signal and buzzer as an indication that the input voltage threatens to become too low. The alarm stops when the voltage is 0.5/1/2Volt above the alarm voltage. This value therefore changes proportionally with the setting.

	Factory setting	Minimum value	Maximum value*	Maximum value**
12Volt inverter	10,5V	10,5V	12,0V	13,5V
24Volt inverter	21,0V	21,0V	24,0V	27,0V
48Volt inverter	42,0V	42,0V	48,0V	54,0V

* Applicable for PurePowerPlus inverters up to software V1.05. If a value above this range is entered the app will not accept it.

** Applicable for PurePowerPlus from software V1.06 and for PurePowerSwitch inverters.

Re-start voltage

The voltage at which the inverter automatically restarts after it has shut down due to an too low input voltage.

	Factory setting	Minimum value	Maximum value*	Maximum value**
12Volt inverter	12,6V	12,0V	13,5V	15,0V
24Volt inverter	25,2V	24,0V	27,0V	30,0V
48Volt inverter	50,4V	48,0V	54,0V	60,0V

* Applicable for PurePowerPlus inverters up to software V1.05. If a value above this range is entered the app will not accept it.

** Applicable for PurePowerPlus from software V1.06 and for PurePowerSwitch inverters.

Re-start timer

Restart delay by means of a timer. This starts running when the set restart voltage is reached. For example, if the restart voltage is 13.5 volts and the timer is set to 180 min., then the inverter will only restart 3 hours after the restart value has been reached. This way, the battery can be (sufficiently) charged before the inverter can be used again.

This function is only available for the PurePowerPlus from software V1.06 and the PurePowerSwitch. If the inverter in question does not have the correct software for this function, a pop-up message will appear.

Buzzer

The acoustic signal that sounds during pre-warning, undervoltage and overvoltage, can be turned on or off. In the factory setting it is on. Click on the slider to change the position.

Fan control

The fan is ex-factory controlled based on the power supplied and the internal temperature.

This control can be adjusted to either power only or temperature only. The fan may and therefore cannot be switched off completely! Click on the slider to change the position.

Important: please note that adjustment of the control affects the performance of the inverter and can also negatively affect the life of the internal components.

Sleep function

In the sleep function, the inverter goes into an energy-saving state when there is no load. From that moment on, the device will continuously check whether there is a load on the output.

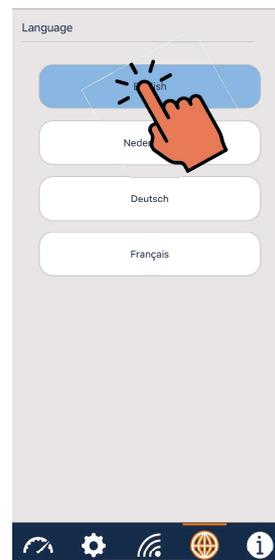
The sleep function is turned off at the factory. The desired load level for the sleep mode can also be adjusted.

Factory settings

Clicking the 'reset' button will change all settings back to the factory values and settings.

LANGUAGE' PAGE

The language of the app can be changed on this page. The available languages are displayed. Click on the desired language. The corresponding frame will turn blue. The choice remains in the app's memory.



'PRODUCT SPECIFICATIONS' PAGE

Overview of the product and app details.

