

TECHNICAL BULLETIN

Remote Shutoff of Chilicon Power Microinverters

Date: 02/26/2020

The Chilicon Power Gateway CP-100 has the ability to disable the microinverter's power production. This feature can be set from Settings Page 1 in the Developer Menu, but can also be set remotely by contacting the Chilicon Power Support Line (310) 800 1396 option 2. You can also send a request like this to support at (support@chiliconpower.com)

Disabling Power Production

- Go to 'Settings Page 1' in the Developer Menu
- Input a '0' in the field labeled 'PPA Global Settings OFF'
- Press 'Enable PPA'.

The production of the microinverters has now been **disabled**.

Once the inverters have been disabled, they will remain disabled until the CP-100 Gateway is used to Enable them

Enabling Power Production

- Go to 'Settings Page 1' in the Developer Menu
- Press 'Disable PPA'

The production of the microinverters have now been **enabled**.

Accessing the Developer Menu

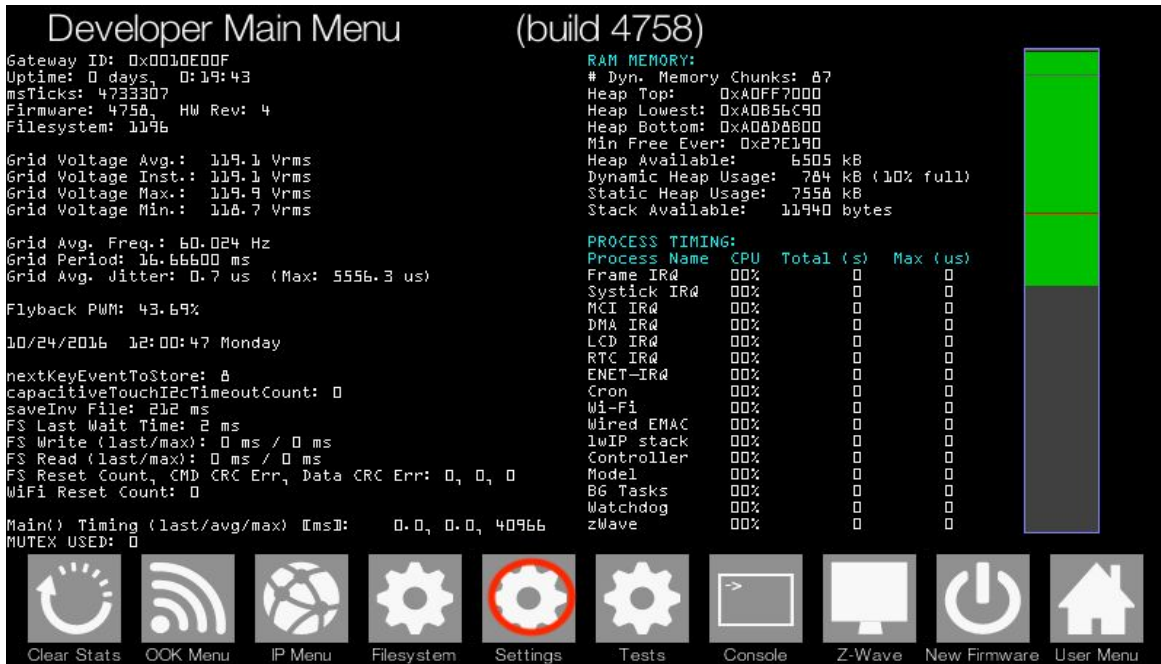
- Press 'Menu' in the bottom right corner of the homepage
- Press the secret menu button in the top left corner of this page
- The password to access the Developer Menu is 'revolution'
- Press 'Settings' at the bottom of the page, then choose 'Page 1'
- Follow the instructions above to Disable or Enable power production

Please see page 2 & 3 for pictures of this process.

Go to Menu > Press the top left corner secret menu button



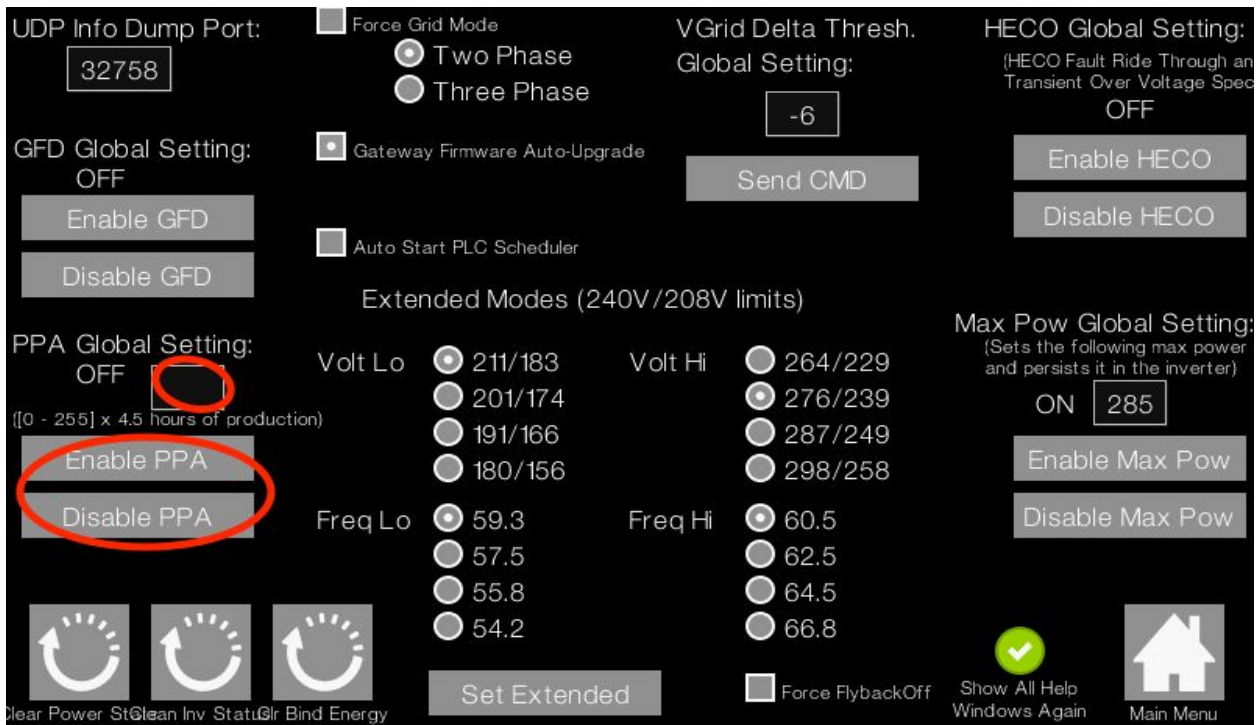
Press Settings > Press 'Page 1'



Disable Power Production

- Put a '0' in the field 'PPA Global Settings OFF'
- Press 'Enable PPA'
- Power Production has now been **Disabled**

Once the inverters have been disabled, they will remain disabled until the CP-100 Gateway is used to Enable them



The screenshot shows the inverter's control interface with the following settings and actions:

- UDP Info Dump Port:** 32758
- Force Grid Mode:** (unchecked)
- Phase Selection:** Two Phase, Three Phase
- VGrid Delta Thresh. Global Setting:** -6
- HECO Global Setting:** OFF (HECO Fault Ride Through and Transient Over Voltage Spec)
- GFD Global Setting:** OFF
- Gateway Firmware Auto-Upgrade:** (checked)
- Auto Start PLC Scheduler:** (unchecked)
- Send CMD** button
- Enable HECO** and **Disable HECO** buttons
- PPA Global Setting:** OFF (with a red circle around the '0' in 'OFF')
- Extended Modes (240V/208V limits):**
 - Volt Lo:** 211/183, 201/174, 191/166, 180/156
 - Volt Hi:** 264/229, 276/239, 287/249, 298/258
 - Freq Lo:** 59.3, 57.5, 55.8, 54.2
 - Freq Hi:** 60.5, 62.5, 64.5, 66.8
- Max Pow Global Setting:** ON 285 (Sets the following max power and persists it in the inverter)
- Enable Max Pow** and **Disable Max Pow** buttons
- Enable PPA** and **Disable PPA** buttons (both circled in red)
- Set Extended** button
- Force FlybackOff:** (unchecked)
- Show All Help Windows Again** button (with a green checkmark icon)
- Main Menu** button (with a house icon)
- Bottom status bar: Clear Power St, Clean Inv, StatuGr, Bind Energy

Enable Power Production

- Press 'Disable PPA'
- Power Production has now been **Enabled**

Please reach out to the Chilicon Power Support Line for any questions on this topic (310) 800-1396 option 2.

Chilicon Power.
15415 Sunset Blvd, Suite 102, Pacific Palisades, CA 90272

(310) 800-1396
TBT11-R2001