

Application Note – Wifi connection with HD Wave inverters

Wifi Connections

As Wifi connections rely on network passwords to obtain internet access, each time the internet router is changed you will need to append the password saved in your inverter. With HD Wave inverters this is possible without the need of a solar installer by carrying out the following procedure.

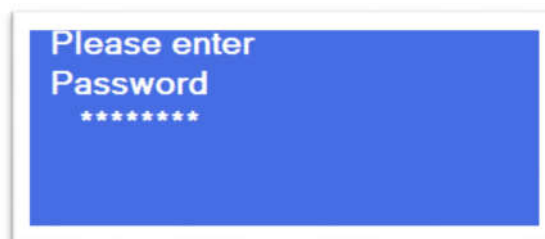
To use the buttons on an HD Wave inverter



- 1 The buttons are light sensitive, you do not need to 'push' the button but simply hold your finger briefly in front of the button
- 2 Do not hold your finger in front of the button for a long period of time, they are very reactive so only require a quick pass of the finger in front of the button
- 3 You will hear a 'beep' as confirmation that you have pressed a button
- 4 Use buttons Up and Down to scroll between menus and press the OK button to select a menu/function

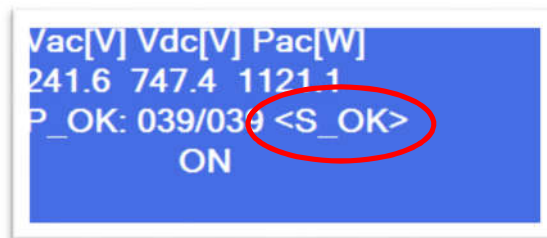
To set the Wifi password

- 1 Press the **OK** key once to light the screen
- 2 Turn the red toggle switch on the bottom left hand corner of the inverter to the OFF position (switch to the right). You can confirm the switch position in the bottom right hand corner of the inverter display, which should show 'OFF'
- 3 Press the **OK** key for 5 seconds and release. Do not continue to hold for 10 seconds. The following message will be displayed:



- 4 Use the three rightmost user buttons to type in the following password: **Up, Down, OK, Up, Down, OK, Up, Down.**
- 5 Scroll down to **Communication** and press **OK**

- 6** Scroll down to **Wifi Conf** and press **OK**
- 7** Scroll down to **Scan Networks** and press **OK**
- 8** Scroll to your home wifi network name and press **OK**
- 9** Using the **up** and **down** keys to select the alphanumeric digit and the **OK** button to select each digit, enter your wifi network password
- 10** When you enter the last digit of your password, hold the **OK** key for 2 seconds to finish the entry
- 11** The inverter should now try and connect to the Wifi network with the new password. Once it has connected press the **Esc** button three times to exit the menu and get back to the main screen.
- 12** Check on the inverter screen for the text **S_OK** which indicates connection to the SolarEdge server. This can take 3-5 minutes and will appear as the following example shows:



- 13** If the inverter cannot connect to the network then restart your home broadband router
- 14** If the inverter will still not connect 10 minutes after router reset then please contact SolarEdge support with the details of your router model and inverter serial number