

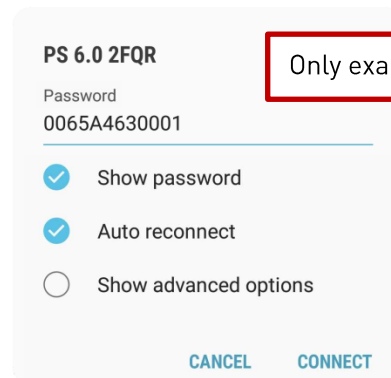
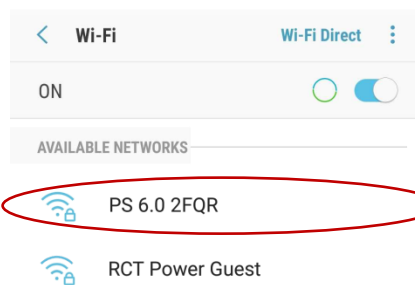
Accessing the inverter and Connecting to a network

1.1 Accessing the inverter

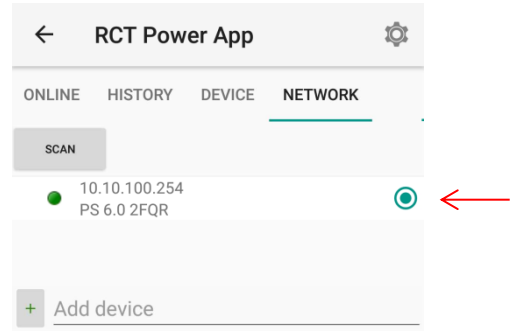


The inverter display will blink temporarily if the inverter is detected or selected by the RCT Power APP.

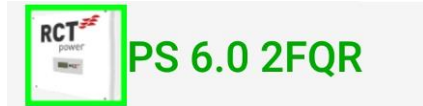
Step	Description
1	Activate the Wi-Fi option in the settings menu of your smartphone or tablet.
2	Connect to the inverter's wireless network. The network broadcasts its service state ID (SSID). This ID matches the inverter name shown on the inverter display. (e.g. PS 6.0 2FQR).  If the inverter is already integrated into an existing Wi-Fi network, connect to this network
3	The first time you connect a mobile device to the inverter's wireless network you are required to authenticate with a password. The password is identical to the serial number of your device (see display or nameplate).
4	Launch the "RCT Power APP".
5	Switch to menu item "Network" and press on "Scan" button.



- 6 Select the radio button for "10.10.100.254" (If the device has already been renamed select the new name accordingly).


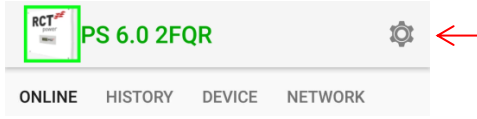
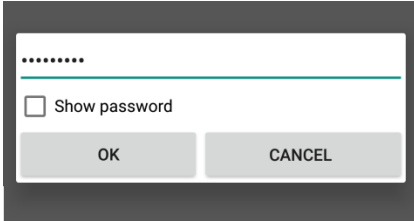
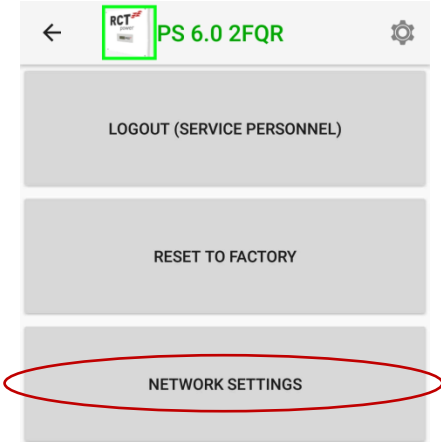
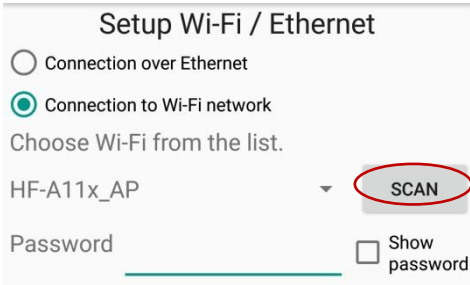



- 7 When the connection to an inverter is established, the inverter name is displayed. The RCT Power Icon is framed by a square



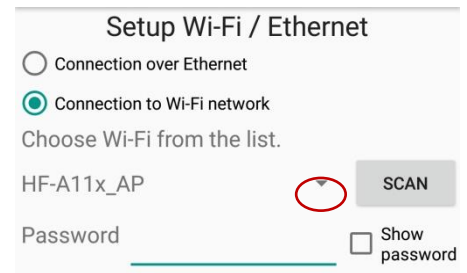
1.2 Connecting the inverter to a network via Wi-Fi

Procedure to integrate the inverter into a home network via a Wi-Fi connection (Customer or Installer - Login).

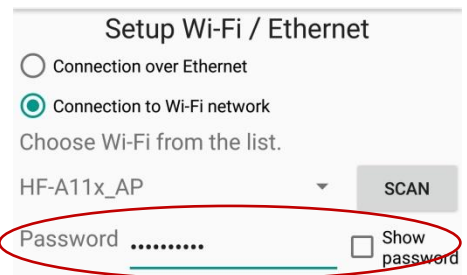
Step	Description	
1	Launch "RCT Power APP" and establish connection to the inverter (see 7.1.2)	
2	Press the Set-up Icon "  ".	
3	A Login prompt is displayed. Enter the password and press "OK" to enter the configuration options screen. (Login Installer Area, password: "installer", Login Customer Area, password: "*****")	
4	Press "NETWORK SETTINGS" and wait while the network settings load.	
5	Select the radio button "Connection to Wi-Fi network" and press the "SCAN" button. The available Wi-Fi networks will appear in the drop-down list.	
	<div data-bbox="217 1532 863 1921" style="border: 1px solid red; padding: 10px;"> <p> NOTICE</p> <p>Some Android versions experience difficulties when searching for available Wi-Fi networks. It is a known problem that affects Android versions 6.0 & 6.0.1 and potentially other versions.</p> <p>As a workaround solution open the settings menu of your Android device. Turn on Device Location using Google's location services and run the process again.</p> <p>After the network integration has been completed, you can disable the location services.</p> </div>	

Important: The Wi-Fi module of the inverter only supports the 2.4 GHz frequency band.

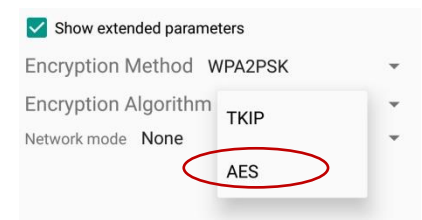
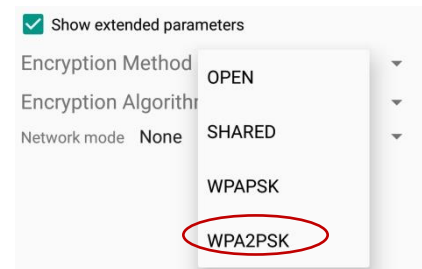
- 6 Expand the drop-down list and select the appropriate network.



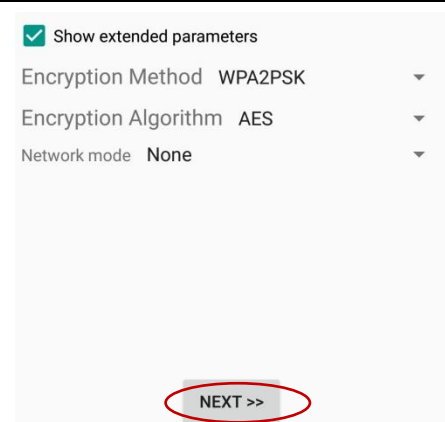
- 7 Enter the corresponding Wi-Fi password.



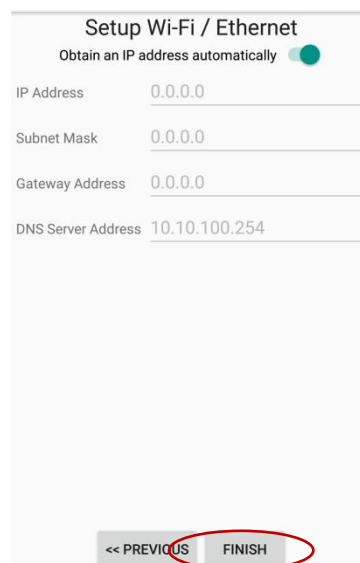
- 8 Set a tick mark in the "Show extended parameters" box. Drop-down selection lists for the following parameters are available:
"Encryption Method" (default: WPA2PSK),
"Encryption Algorithm" (default: AES) and
"Network Mode" (default: None).



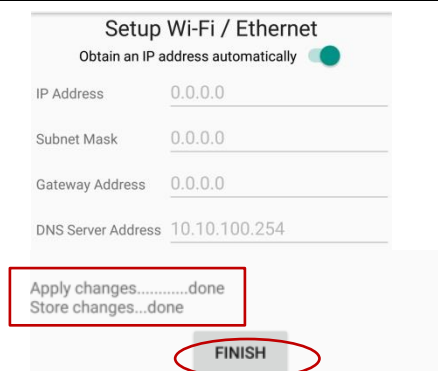
- 9 Press the "NEXT" button.



- 10 Set "Obtain an IP address automatically" to "ON" and press the "FINISH" button.



- 11 Wait until the new settings are confirmed and then press the "FINISH" button again.



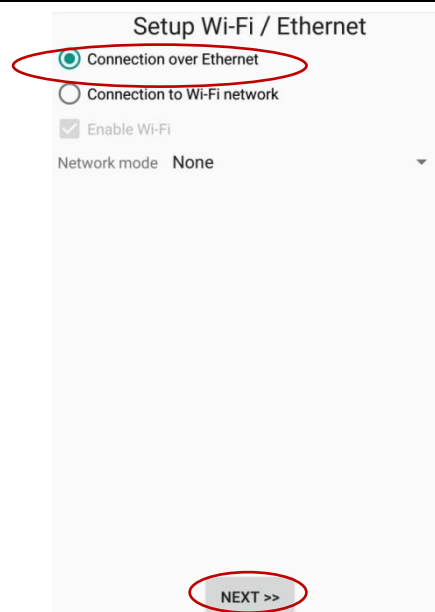
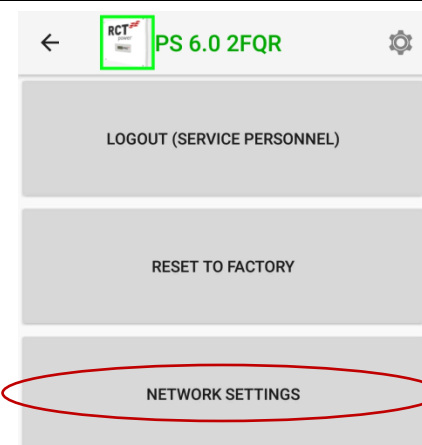
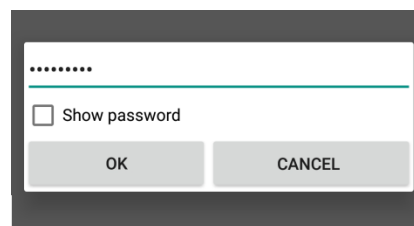
- 12 Close the RCT Power APP. (this will speed up the process of obtaining the IP address).
After a short time, the LCD display of the inverter will show the IP address assigned by your home network.
The inverter is now registered in your home network.

- 13 Connect your Android device to your home network.
Launch the "RCT Power APP" again.
In the "NETWORK" menu press the "SCAN" button.
Alternatively, you can enter the assigned IP address under "Add device" at the bottom of the screen and press the "+" symbol.
Once the device appears on the device list press the corresponding radio button to select it

1.3 Connecting the inverter to a network via the Ethernet connection

Procedure to integrate the inverter into a home network via an Ethernet connection (Customer or Installer - Login). Ensure that a suitable network cable is used to connect the inverter to the home network router. [\[see chapter 6.2\]](#).

Step	Description
1	Establish connection to the inverter (see 7.1.2).
2	Press the Set-up Icon “  ”.
3	A Login prompt is displayed. Enter the password and press “OK” to enter the configuration options screen. (Login Installer Area, password: “installer”, Login Customer Area, password: “*****”)
4	Press “NETWORK SETTINGS” and wait while the network settings load.
5	Select the radio button “Connection over Ethernet” and press the “NEXT” button.



- 6 Set "Obtain an IP address automatically" to "ON" and press the "FINISH" button.

Setup Wi-Fi / Ethernet
Obtain an IP address automatically

IP Address 0.0.0.0
Subnet Mask 0.0.0.0
Gateway Address 0.0.0.0
DNS Server Address 10.10.100.254

<< PREVIOUS FINISH

- 7 Wait until the new settings are confirmed and then press the "FINISH" button again.

Setup Wi-Fi / Ethernet
Obtain an IP address automatically

IP Address 0.0.0.0
Subnet Mask 0.0.0.0
Gateway Address 0.0.0.0
DNS Server Address 10.10.100.254

Apply changes.....done
Store changes...done

FINISH

- 8 Close the RCT Power APP. (this will speed up the process of obtaining the IP address).
After a short time, the LCD display of the inverter will show the IP address assigned by your home network.
The inverter is now registered in your home network.

- 9 Connect your Android device to your home network.
Launch the "RCT Power APP" again.
In the "NETWORK" menu press the "SCAN" button.
Alternatively, you can enter the assigned IP address under "Add device" at the bottom of the screen and press the "+" symbol.
Once the device appears on the device list press the corresponding radio button to select it.