

VCB-5106L6-WB Quick Install Guide



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Statement

- Please read the manual carefully before using the product.
- Due to product upgrades and other reasons, the contents of this manual are subject to be changed. Please refer to the actual product and get the latest manual from the official website or distributors. Unless otherwise agreed herein, this manual will be used as a guide only. The provider of this document **will not** take any legal responsibility in any way for any statements, information or recommendations in this manual.
- Without written permission, any content of this document (partly or entirely) cannot be extracted, copied or transmitted in any form by any company or individual.

FCC Statement

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

RF warning for Mobile device:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

IC Statement

This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions:

- (1) this device may not cause interference, and
- (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Cet appareil est conforme aux CNR exempts de licence d'Industrie Canada. Le fonctionnement est soumis aux deux conditions suivantes:

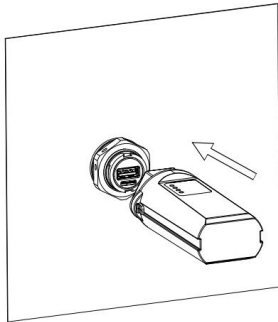
- (1) Cet dispositif ne peut causer des interférences; et
- (2) Cet appareil doit accepter toute interférence, y compris les interférences qui peuvent causer un mauvais fonctionnement de l'appareil.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

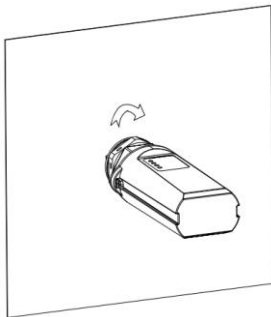
L'appareil est conforme aux limites d'exposition aux radiations de la FCC spécifiées pour les environnements non contrôlés. Lors de l'installation et de l'utilisation de cet appareil, la distance entre le radiateur et le corps doit être d'au moins 20 cm.

1. Dongle Installation

- 1) Plug Dongle into the inverter communication interface as below diagram

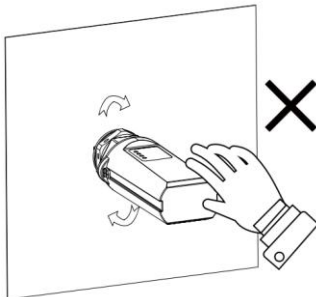


- 2) Rotate the fastener of the connector to lock the dongle



Warning:

Please do not hold the dongle body to rotate while install or remove the dongle.



2. LED Indicator

LED indicators are defined as the following:

LED	Status	Description
PWR	Off	Power off
	On	Power on
NET	Off	Power off
	On	Connect to internet successfully
	Flash	Connect to cellular network failed
	Flash	Connect to platform abnormal

3. Network info

VD-606L8-WB can connect to internet by Wi-Fi or cellular network, basic info as below:

Type	Item	Description
Wi-Fi	Standard	2.4GHz IEEE 802.11b/g/n compatible
	Security	802.11i (WPA, WPA2)
	Working Mode	Client
Cellular	Cellular Type	LTE CATM1
	Frequencies	LTE FDD: B2/B4/B5/B12/B13/B25/B26/B66/B85

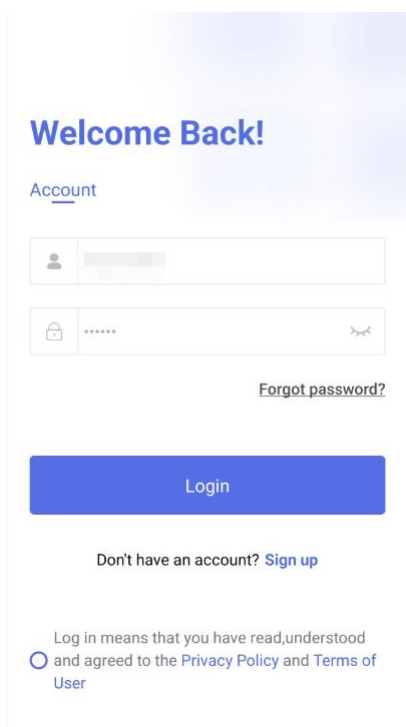
4. Network Setting

After the Dongle is installed in the inverter, engineers need to configure the network for dongle via mobile app. Please search the key word “**VidaYoung**” in the APP store, download and install the APP in the mobile phone.

Configuration Steps as below:

1) Login APP

please turn on the Wi-Fi and Bluetooth of mobile phone, open the **VidaYoung** APP, key in the account and password (Please apply the account/password from the resellers)



2) Connect to inverter

After login successfully, APP will look for the dongle nearby, and show the dongles found in the list, please drop down to refresh the list if needed. Click the Dongle which you want to connect, then dongle configuration page will be shown.

Device List		
	SN: VC51060423338000 MAC: E0:5A:1B:15:47:4A	never -75 
	SN: VC51060412345678 MAC: D4:8C:49:EC:AB:EA	never -74 
	SN: VC51060477230087 MAC: D4:8C:49:EC:B1:E2	never -66 
	SN: VD06061225138116 MAC: 24:4C:AB:CC:70:0E	never -66 
	SN: VC51060494060064 MAC: D4:8C:49:EC:B4:AE	never -67 

3) Network Settings

- Click tab "Net" to switch to network page, click the arrow in the connection status left, go to Wi-Fi AP scan page, APP will list all Wi-Fi APs(access point) available.

VD06060020250901

Config

Data Logger Status

Smart Data Logger VD06060020250901 Online

Network Wi-Fi

Wi-Fi Status

Wi-Fi Disconnected >

Cloud Service Status

14:26

Communication Card

List of available WLANs

TP-LINK_880D 

Phicomm 

FDCJQ00004 

santhings 

Yanxi_For_test 

- Click the AP you want to connect, go to password config page, and type in the password of the AP.

14:26

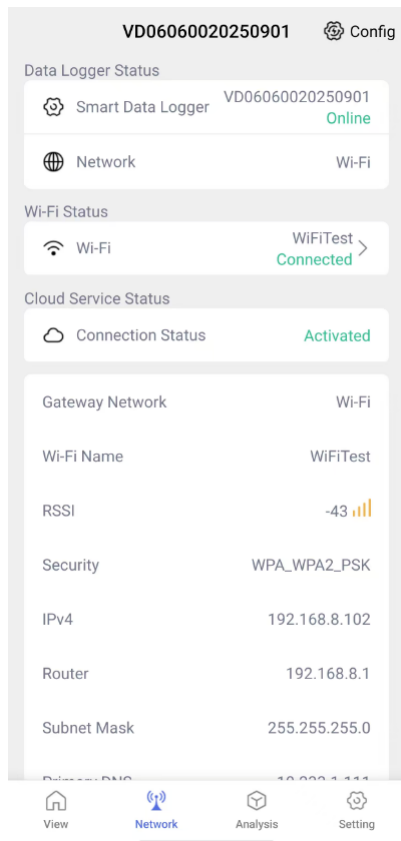
TP-LINK_880D

Password 

Cancel

Connect

- Click the "connect" button, APP will inform dongle to try to connect the AP, when the connection is set up successfully, APP will switch back to the "Net" page to show the network information.



Parameter Description

Item	Description
Gateway Status	Dongle connect to Cloud platform status (online/offline)
Gateway Version	Dongle Firmware version
Connection Status	Uplink (Wi-Fi) Status
Network Name	Name of the Wi-Fi AP connected
Security	Wi-Fi security type of the Wi-Fi AP connected
IPv4	Dongle IP address
Router	AP IP address
Subnet Mask	Subnet mask of the current network
Primary DNS	Primary DNS IP
Secondary DNS	Secondary DNS IP
RSSI	Wi-Fi Signal Strength $-50 \leq \text{RSSI} < 0$, means strength is excellent $-70 \leq \text{RSSI} < -50$, means strength is normal $-90 \leq \text{RSSI} < -70$, means strength is weak