

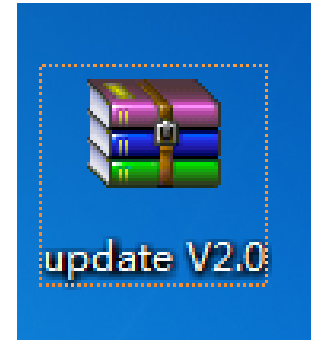
Update BMU

Vic.zhang@byd.com

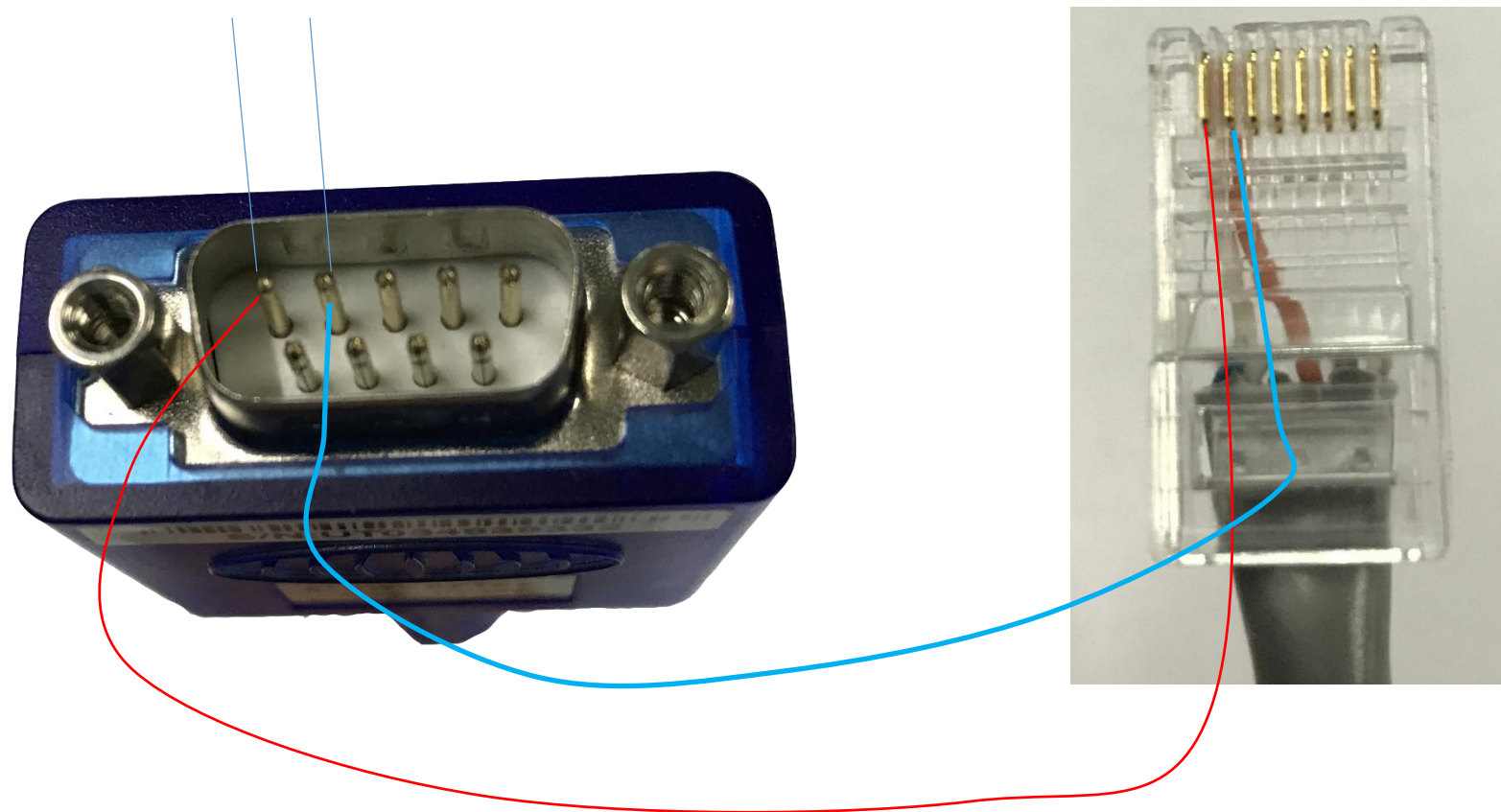
Updating Tools

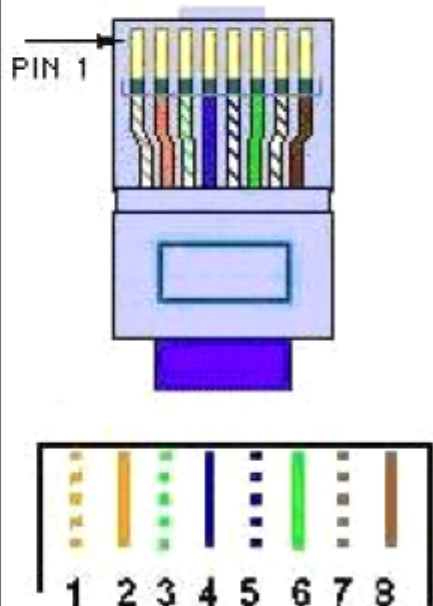
USB RS485 converter, e.g 'XC4136' From Jaycar

'Update V2' software

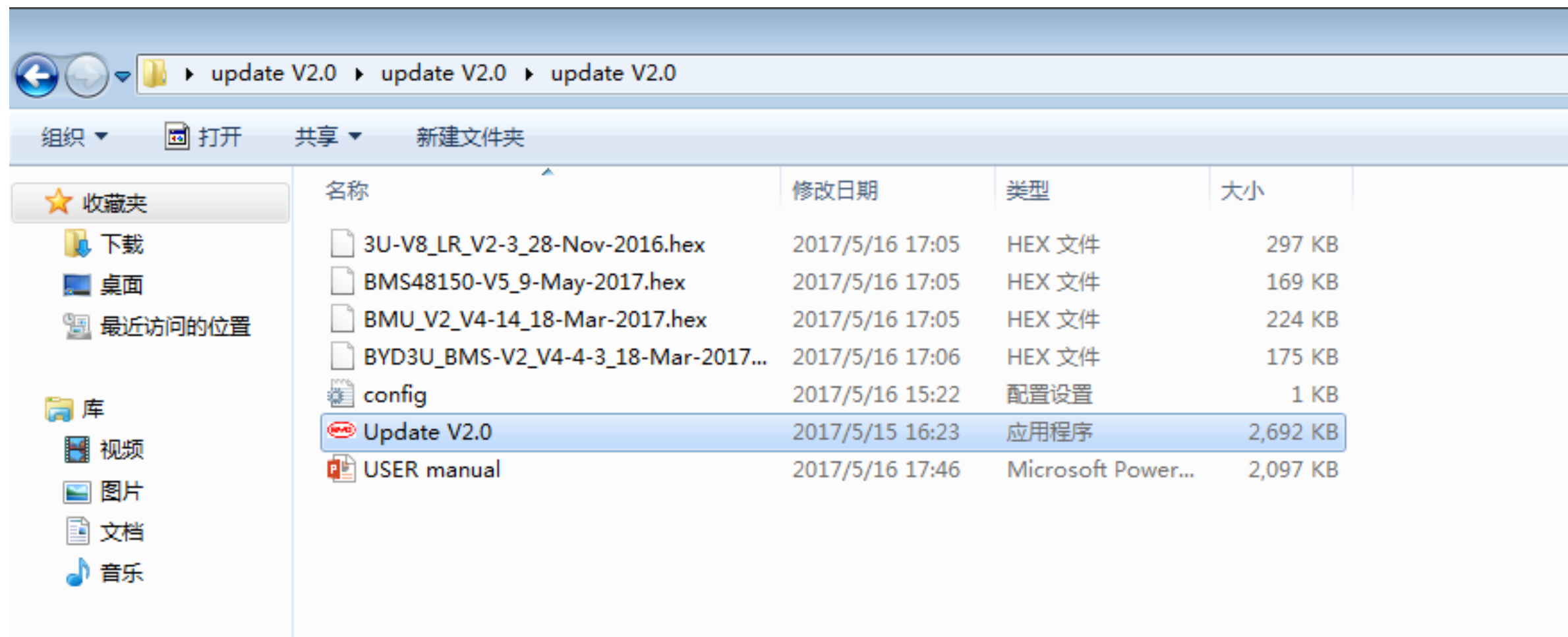


A **B**

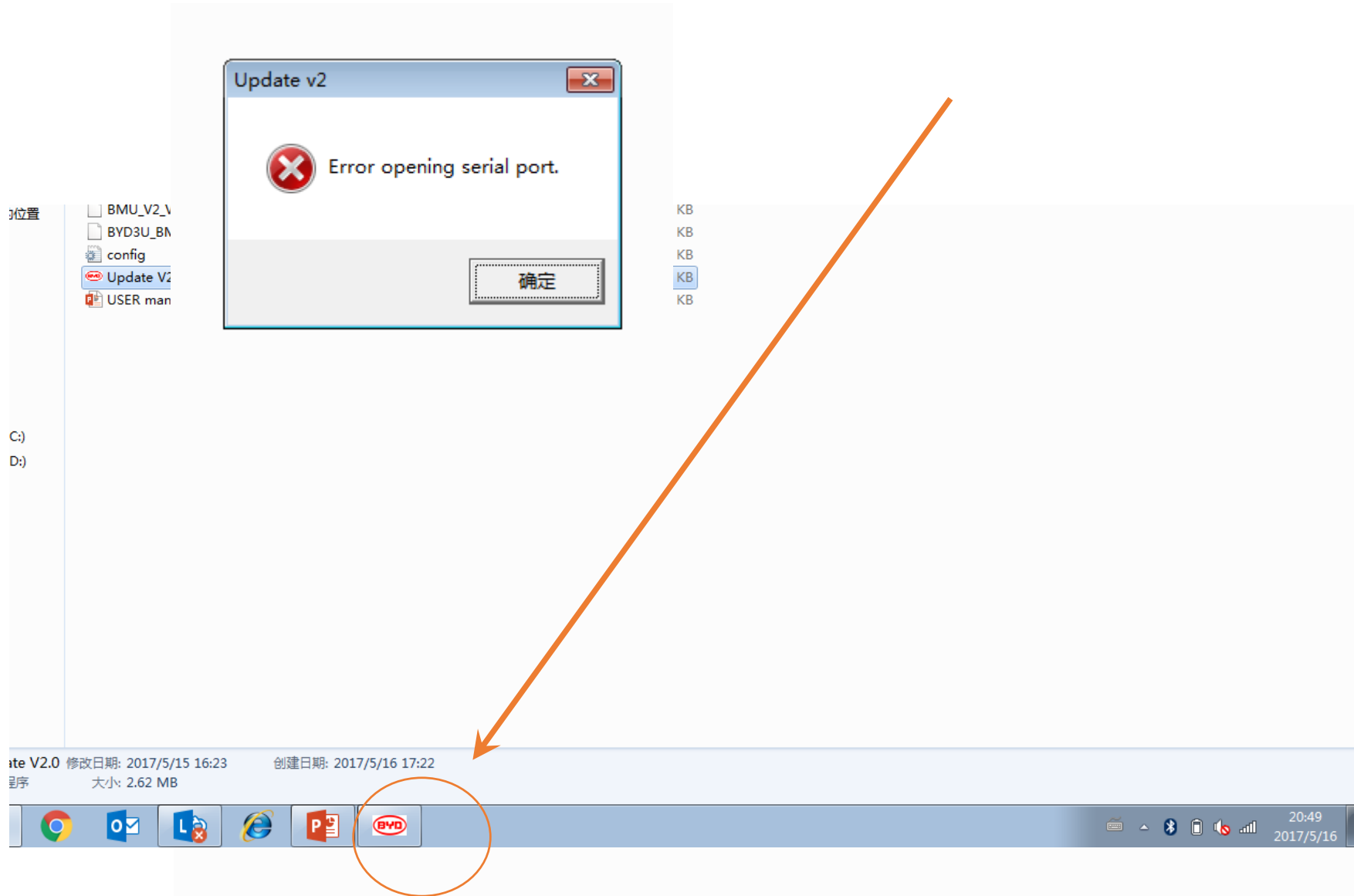


communication	interface	Definition of PIN		remark	
RS485(Inverter)	RJ45	1	RS485A	Software update terminal	
		2	RS485B-		
		3	/		
CAN(Inverter)		4	CAN_H		
		5	CAN_L		

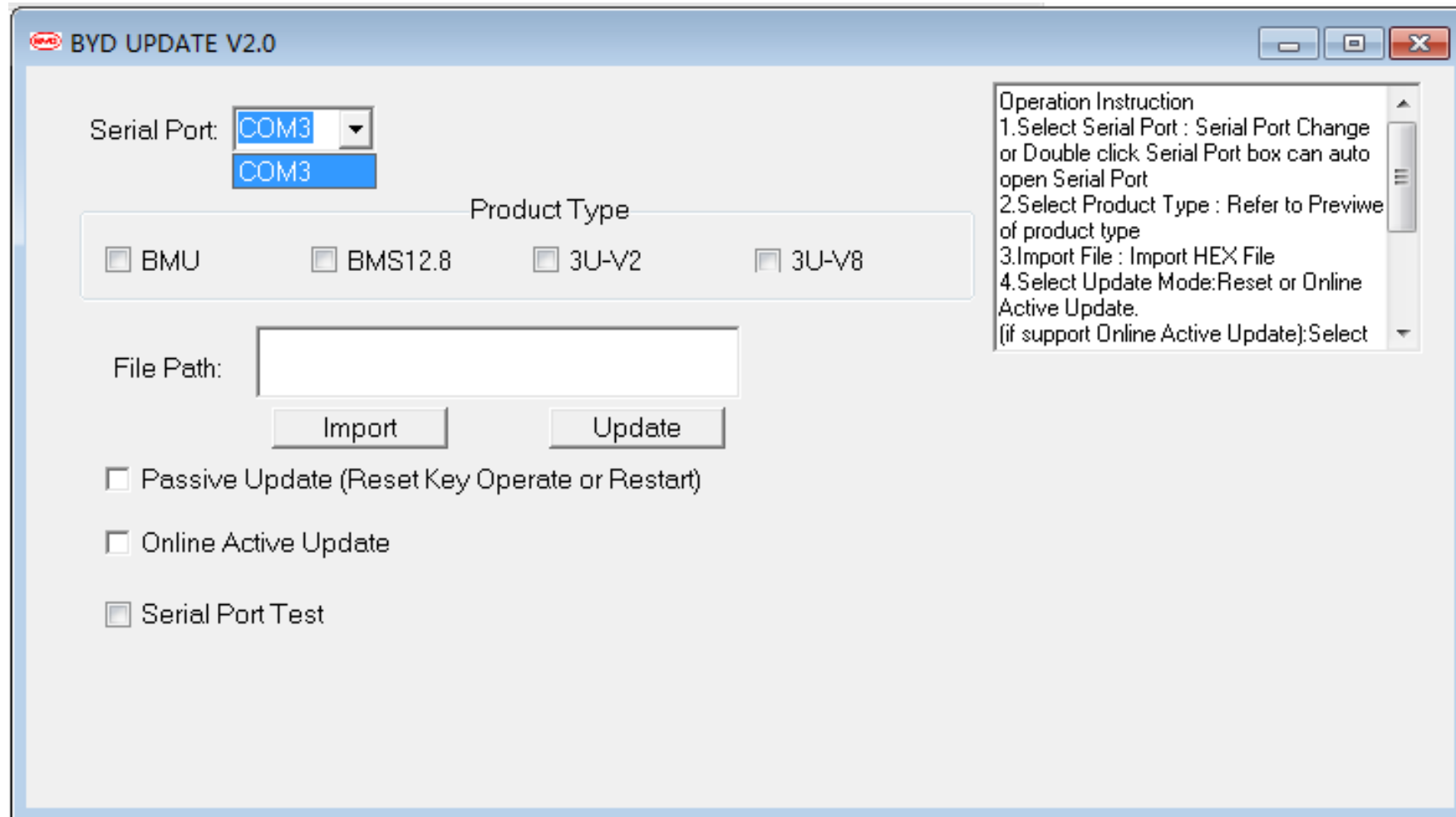
1. Open the Update V2.0



2. Click OK and Click the BYD logo at the bottom of the screen



3. Select the correct serial port



4. Select the “BMU”

BYD UPDATE V2.0

Serial Port: COM3

Product Type

☒ BMU ☐ BMS12.8 ☐ 3U-V2 ☐ 3U-V8

File Path:

Import Update

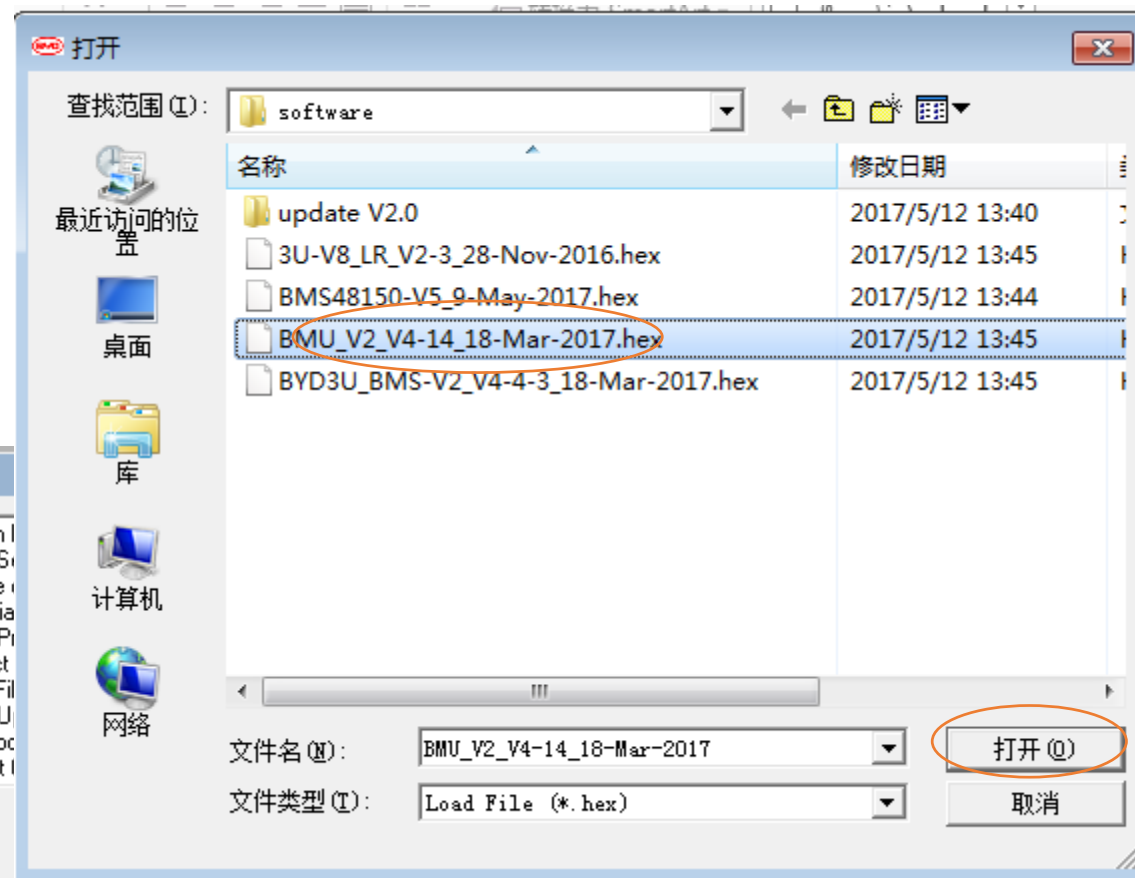
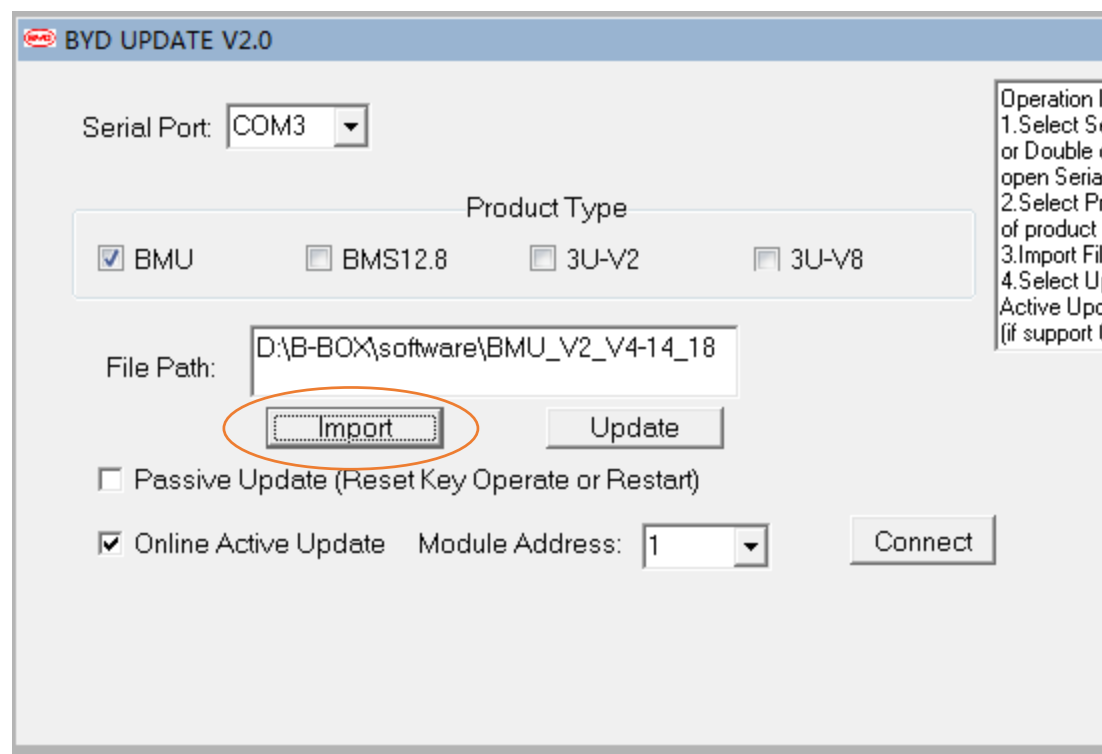
☐ Passive Update (Reset Key Operate or Restart)

☒ Online Active Update Module Address: 1 Connect

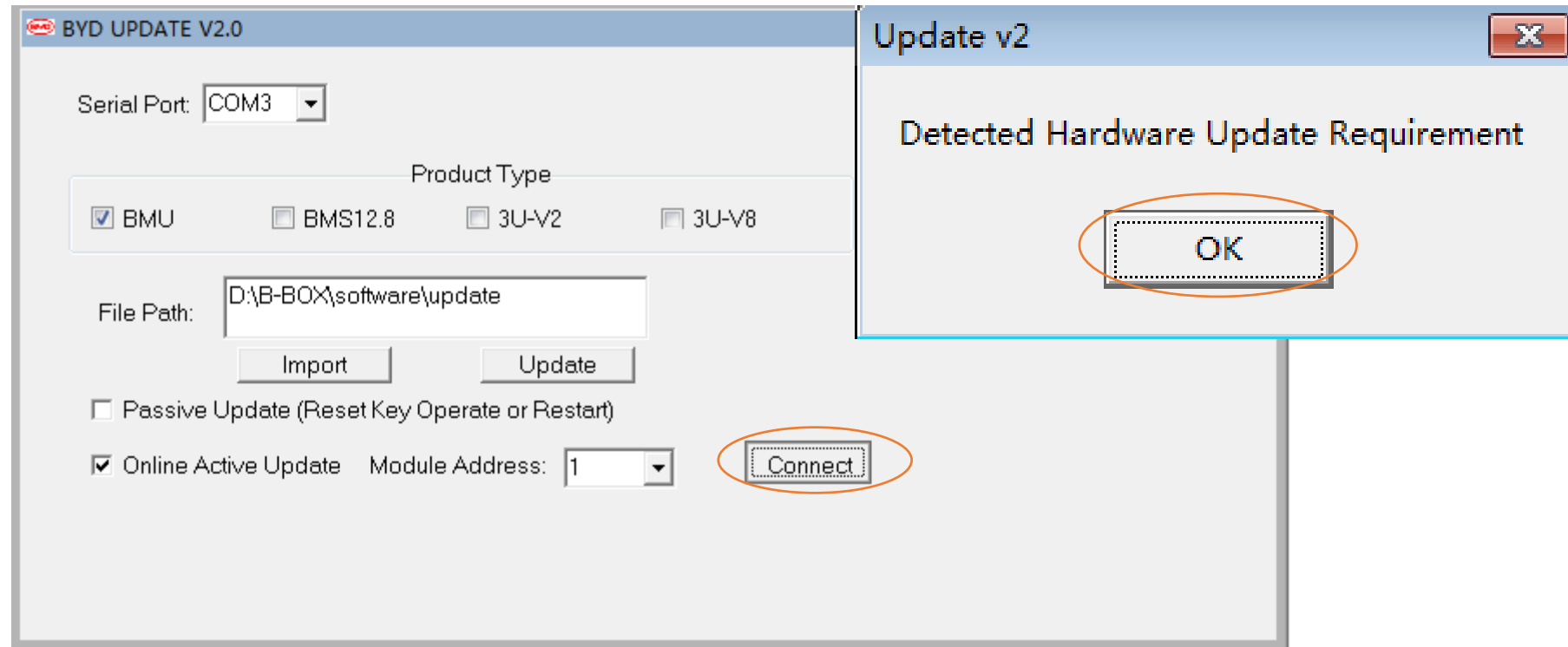
Operation Instruction

1. Select Serial Port : Serial Port Change or Double click Serial Port box can auto open Serial Port
2. Select Product Type : Refer to Preview of product type
3. Import File : Import HEX File
4. Select Update Mode: Reset or Online Active Update.
(if support Online Active Update): Select

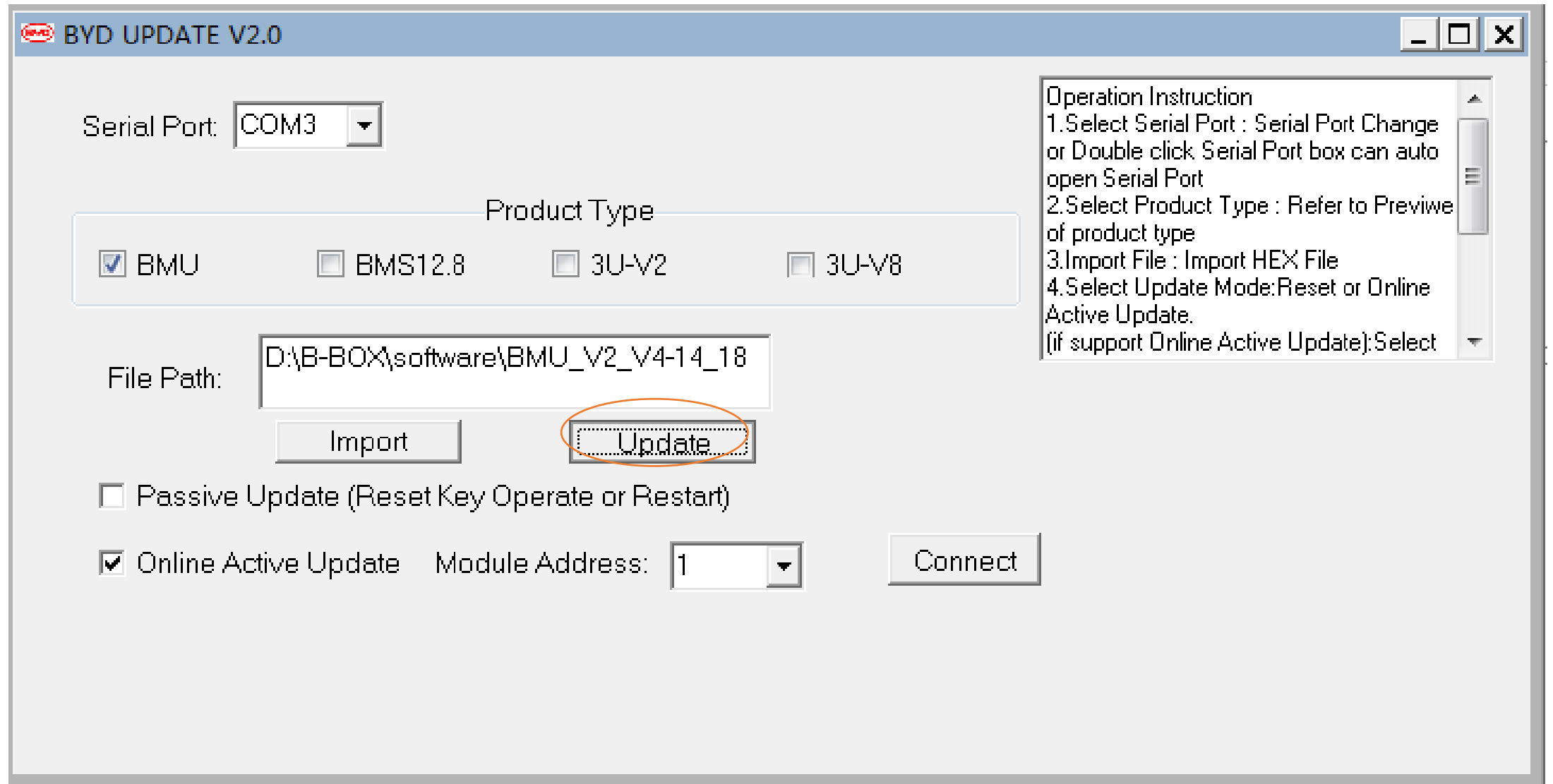
5. Import the file



6. Link computer and BMU(the interface connected to inverter).(Keep the BMU energized)click the “**Connect**”. The computer will pop up a dialog box and click the “**OK**”



7. Update



The image shows the 'BYD UPDATE V2.0' software window. It has a title bar with the BYD logo and the text 'BYD UPDATE V2.0'. The main area contains several controls: a 'Serial Port' dropdown menu set to 'COM3'; a 'Product Type' section with four checkboxes: 'BMU' (checked), 'BMS12.8', '3U-V2', and '3U-V8'; a 'File Path' text box containing 'D:\B-BOX\software\BMU_V2_V4-14_18'; an 'Import' button; an 'Update' button which is circled in orange; a 'Passive Update (Reset Key Operate or Restart)' checkbox (unchecked); an 'Online Active Update' checkbox (checked); a 'Module Address' dropdown menu set to '1'; and a 'Connect' button. On the right side, there is a scrollable 'Operation Instruction' box with the following text: '1. Select Serial Port : Serial Port Change or Double click Serial Port box can auto open Serial Port', '2. Select Product Type : Refer to Previwe of product type', '3. Import File : Import HEX File', '4. Select Update Mode: Reset or Online Active Update. (if support Online Active Update): Select'.

BYD UPDATE V2.0

Serial Port: COM3

Product Type

☒ BMU ☐ BMS12.8 ☐ 3U-V2 ☐ 3U-V8

File Path: D:\B-BOX\software\BMU_V2_V4-14_18

Import Update

☐ Passive Update (Reset Key Operate or Restart)

☒ Online Active Update Module Address: 1 Connect

Operation Instruction

1. Select Serial Port : Serial Port Change or Double click Serial Port box can auto open Serial Port
2. Select Product Type : Refer to Previwe of product type
3. Import File : Import HEX File
4. Select Update Mode: Reset or Online Active Update. (if support Online Active Update): Select

8. Updating

18

Serial Port:

COM3

Product Type

☒ BMU

☐ BMS12.8

☐ 3U-V2

☐ 3U-V8

File Path:

D:\B-BOX\software\BMU_V2_V4-14_18

Import

Update

☐ Passive Update (Reset Key Operate or Restart)

☒ Online Active Update

Module Address:

1

Connect

Updating...

Operation Instruction

1.Select Serial Port : Serial Port Change or Double click Serial Port box can auto open Serial Port

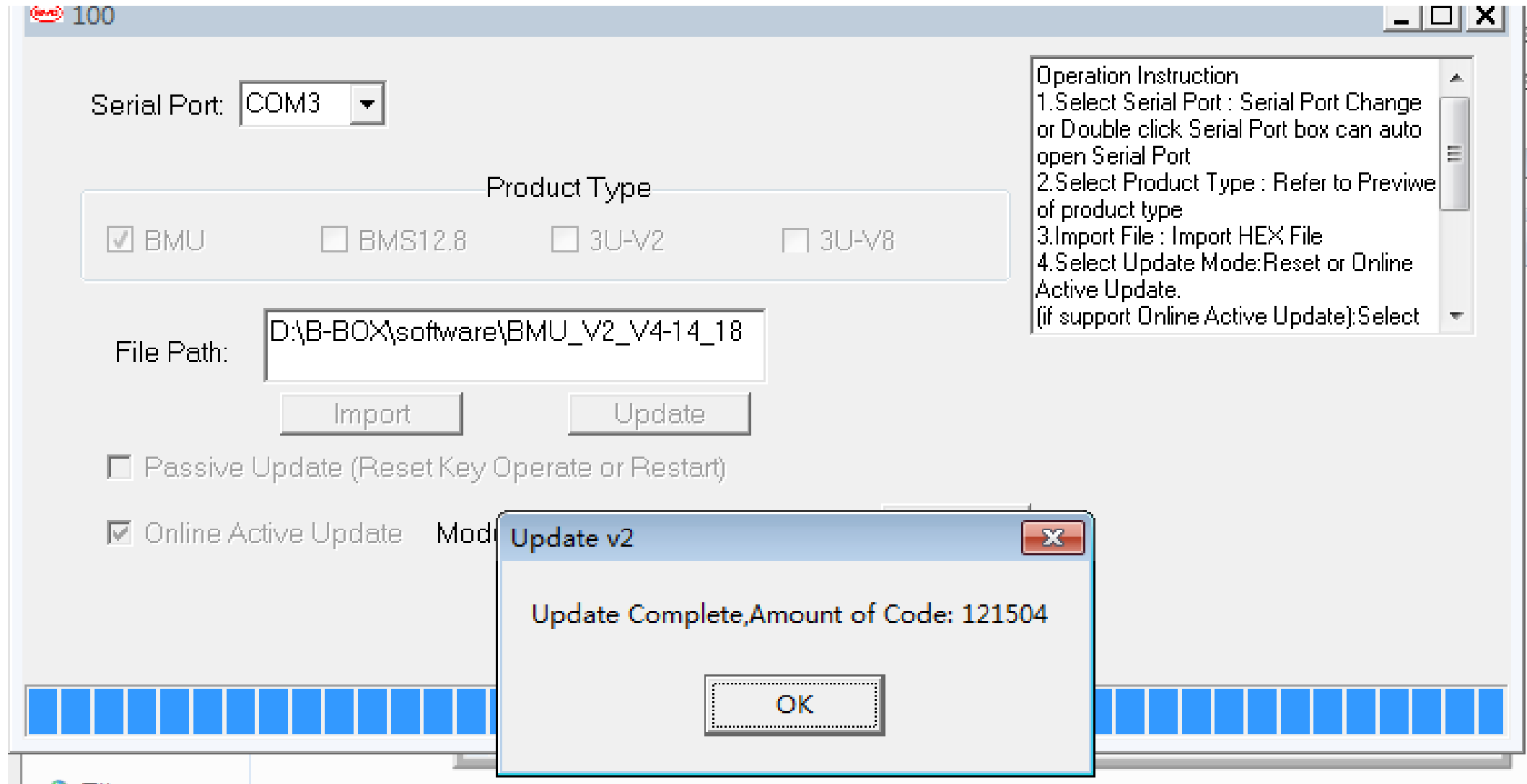
2.Select Product Type : Refer to Preview of product type

3.Import File : Import HEX File

4.Select Update Mode:Reset or Online Active Update.

(if support Online Active Update):Select

9. Update complete



The second method for Update BMU

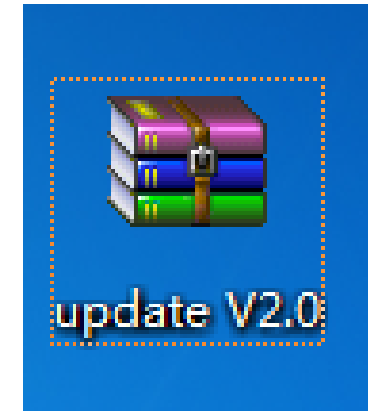
Vic.zhang@byd.com

Updating requires a preparation

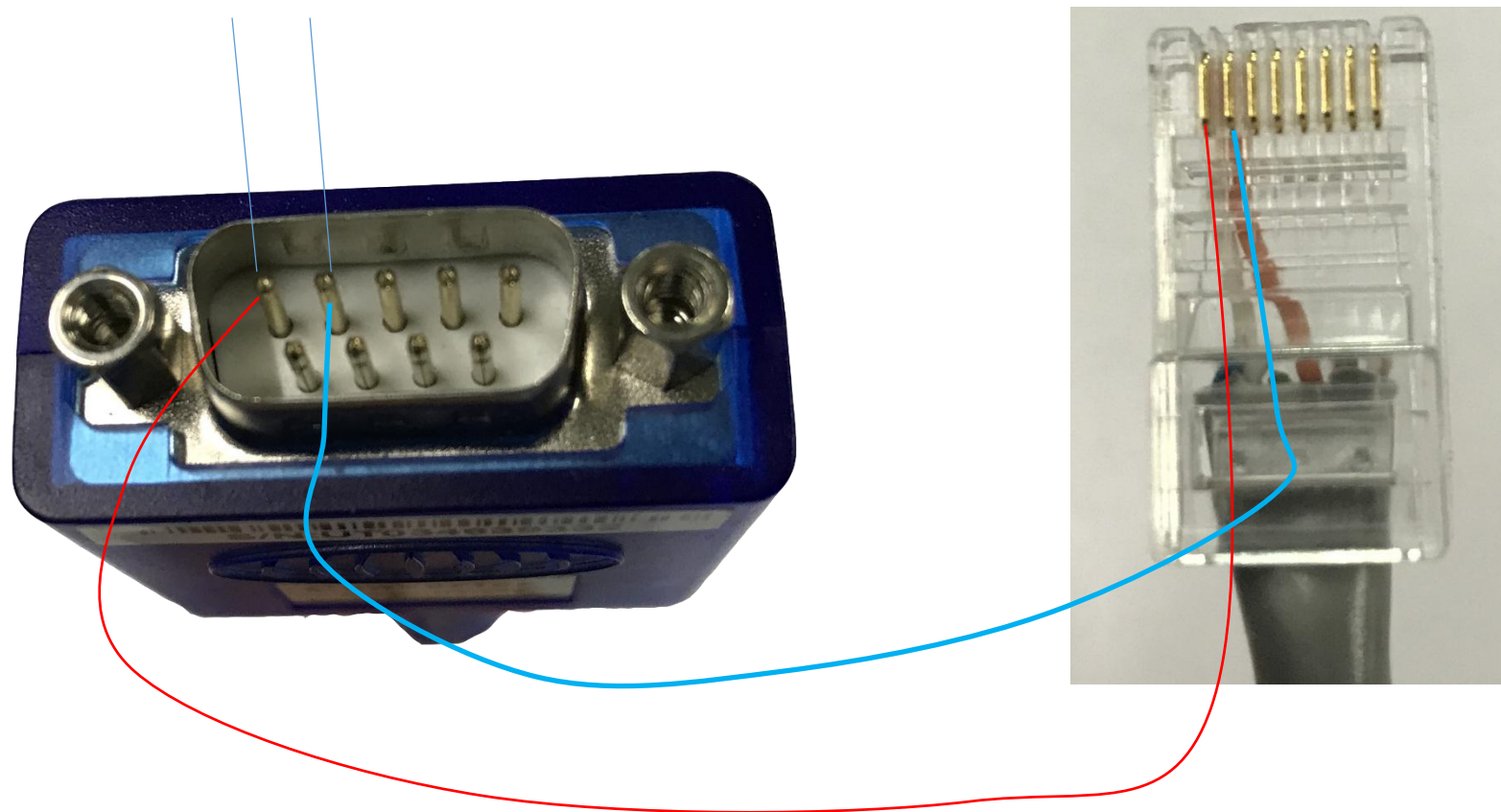
USB RS485 converter and Install
the driver of the converter

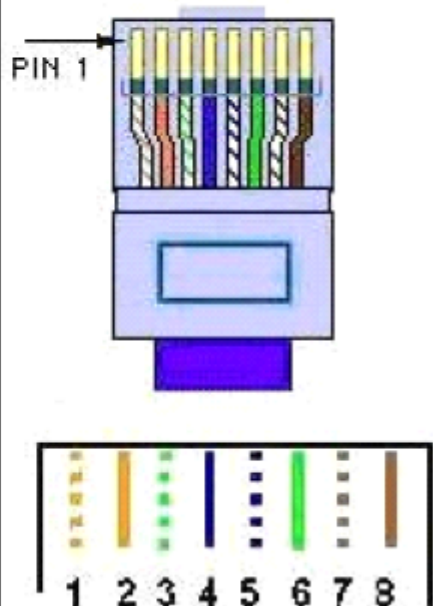


Update V2

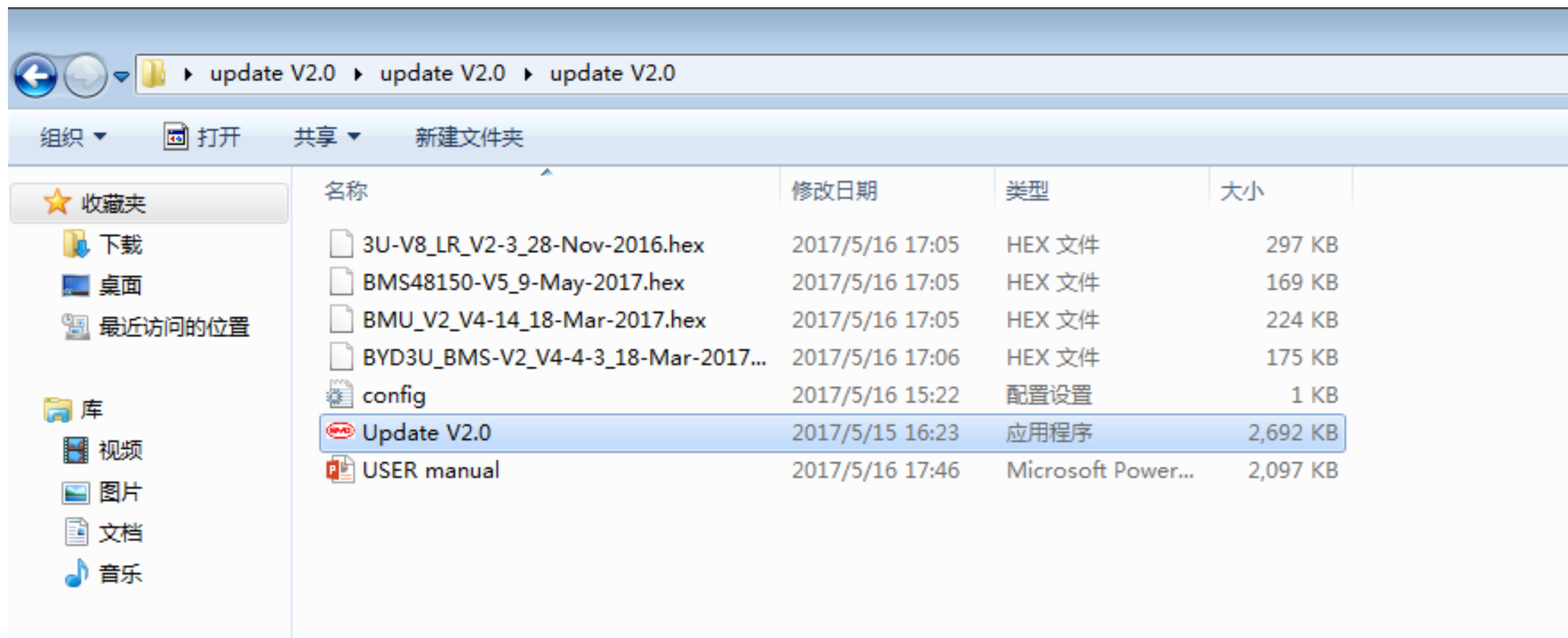


A **B**

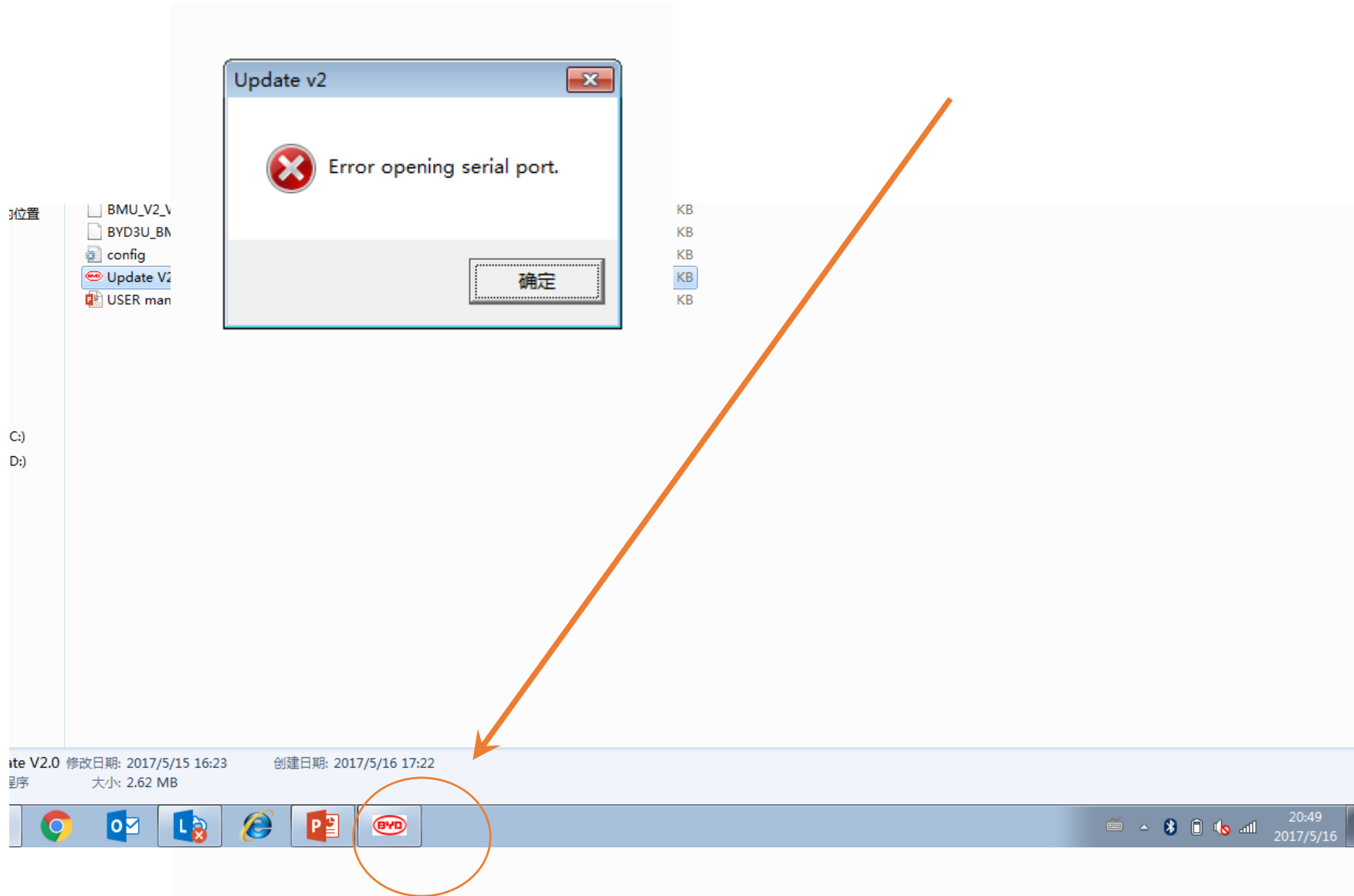


communication	interface	Definition of PIN		remark	
RS485(Inverter)	RJ45	1	RS485A	Software update terminal	
		2	RS485B-		
		3	/		
CAN(Inverter)		4	CAN_H		
		5	CAN_L		

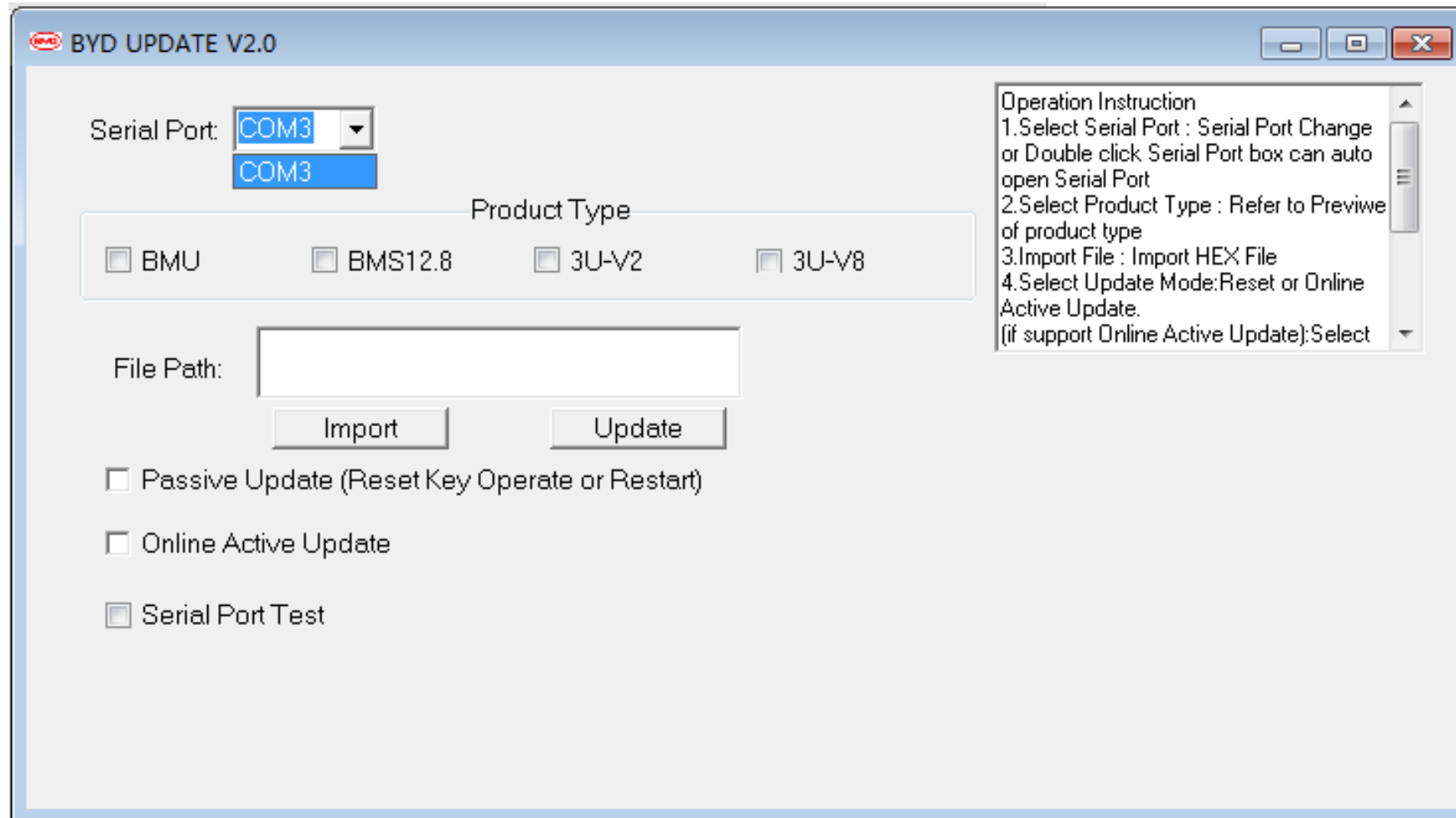
1. Open the Update V2.0



2. Click OK and Click the BYD logo at the bottom of the screen



3. Select the correct serial port



4. Select the “BMU”

BYD UPDATE V2.0

Serial Port: COM3

Product Type

☒ BMU ☐ BMS12.8 ☐ 3U-V2 ☐ 3U-V8

File Path:

Import Update

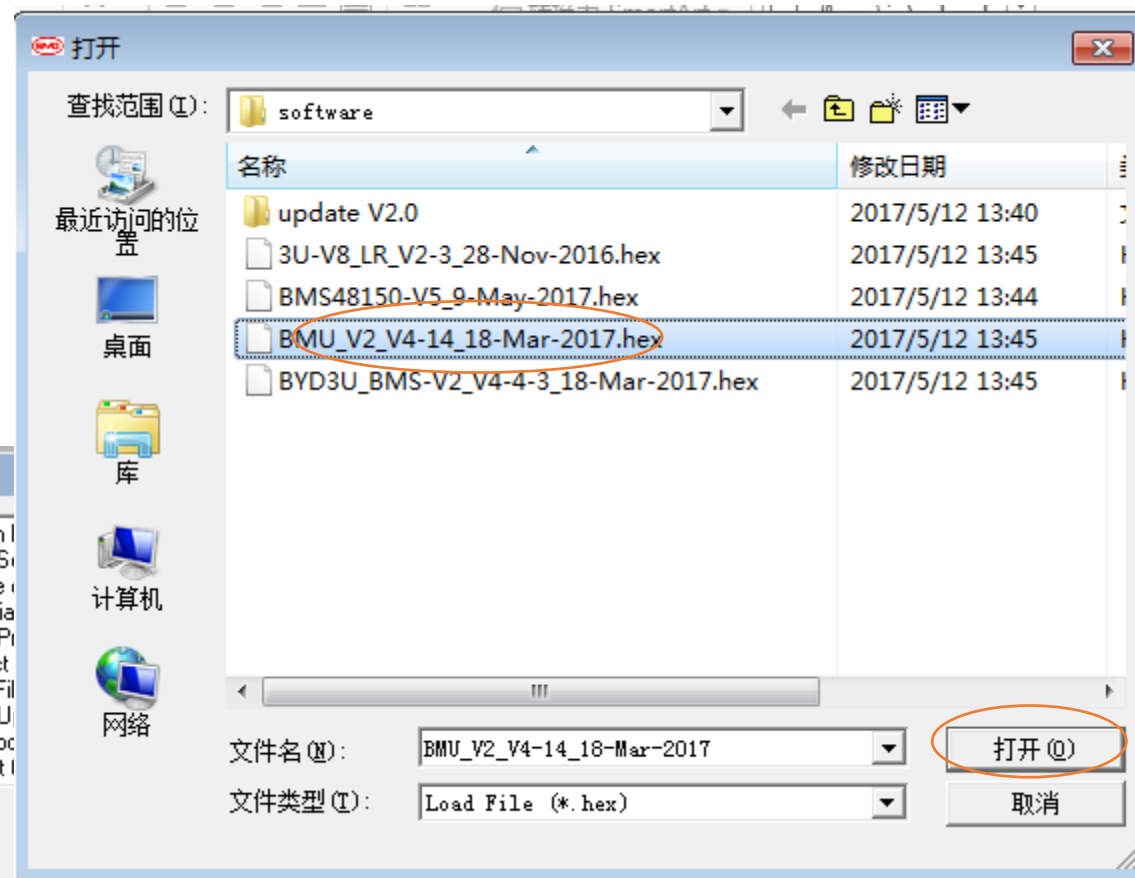
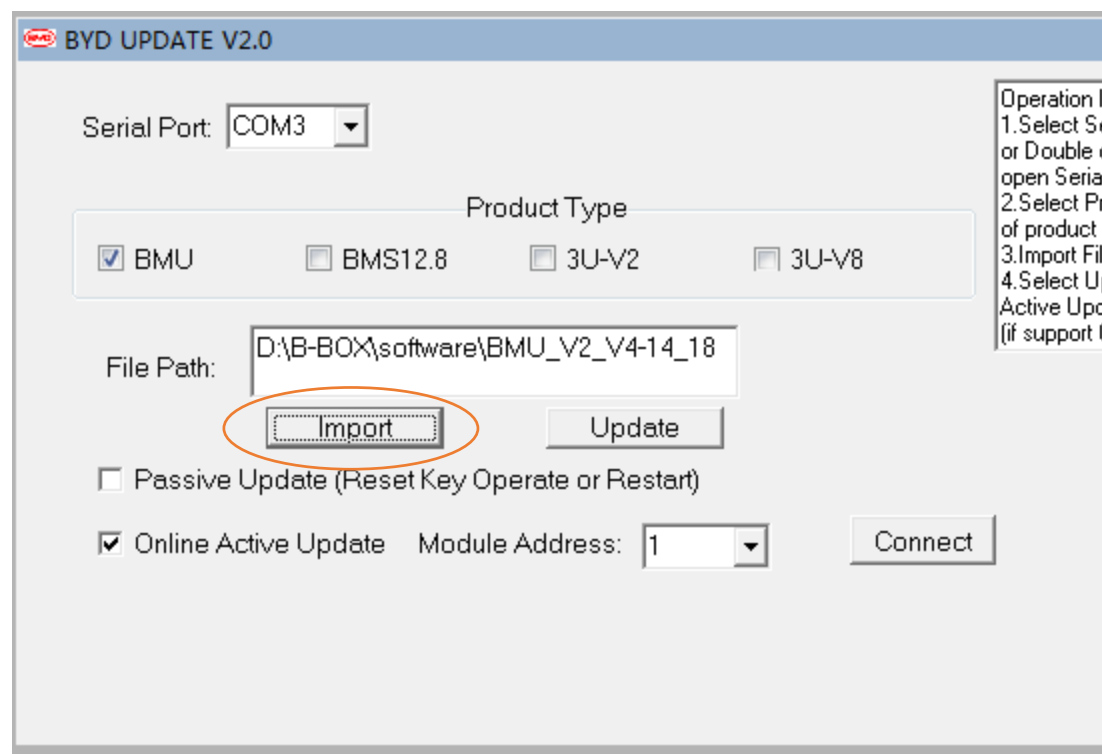
☐ Passive Update (Reset Key Operate or Restart)

☒ Online Active Update Module Address: 1 Connect

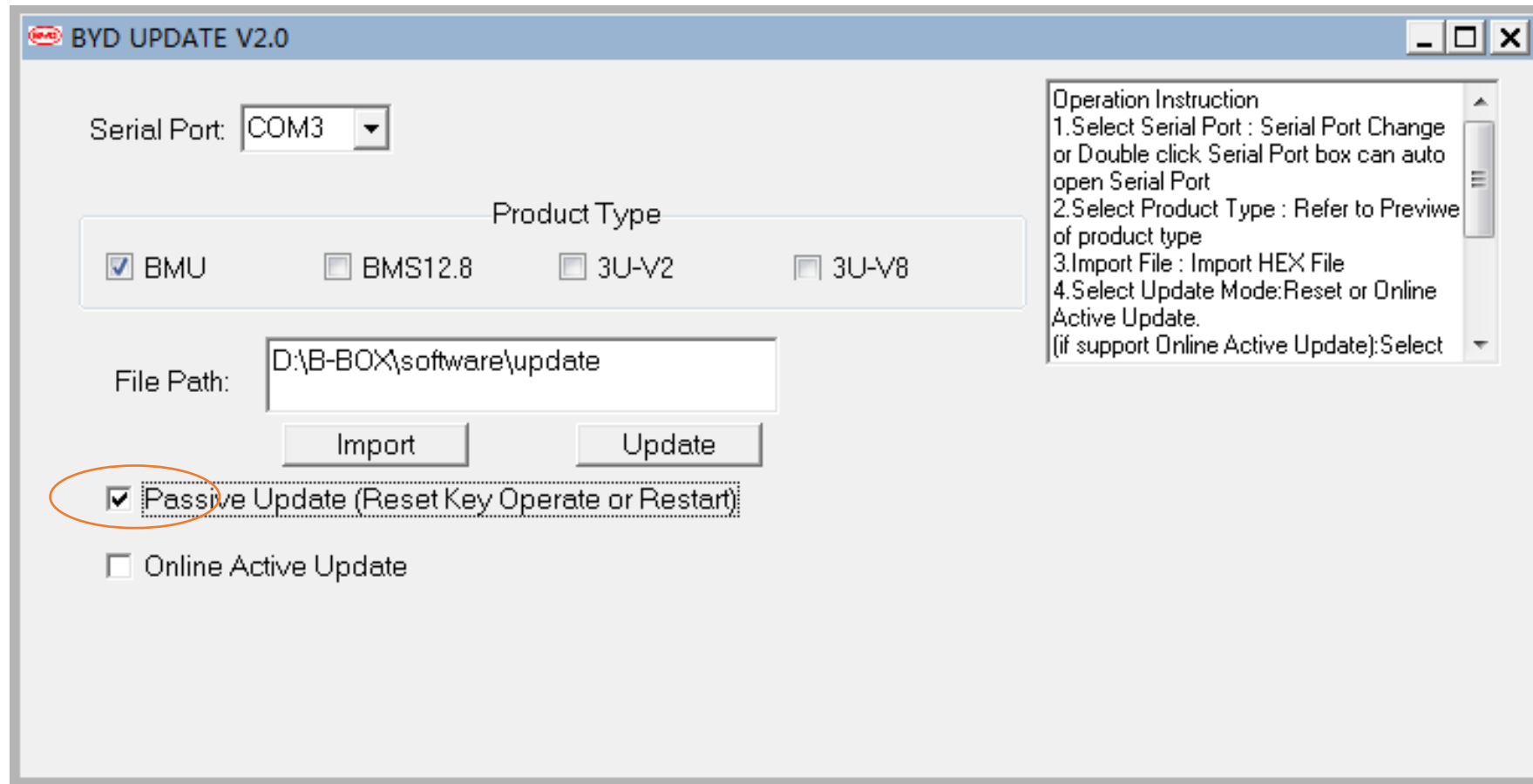
Operation Instruction

1. Select Serial Port : Serial Port Change or Double click Serial Port box can auto open Serial Port
2. Select Product Type : Refer to Preview of product type
3. Import File : Import HEX File
4. Select Update Mode: Reset or Online Active Update.
(if support Online Active Update): Select

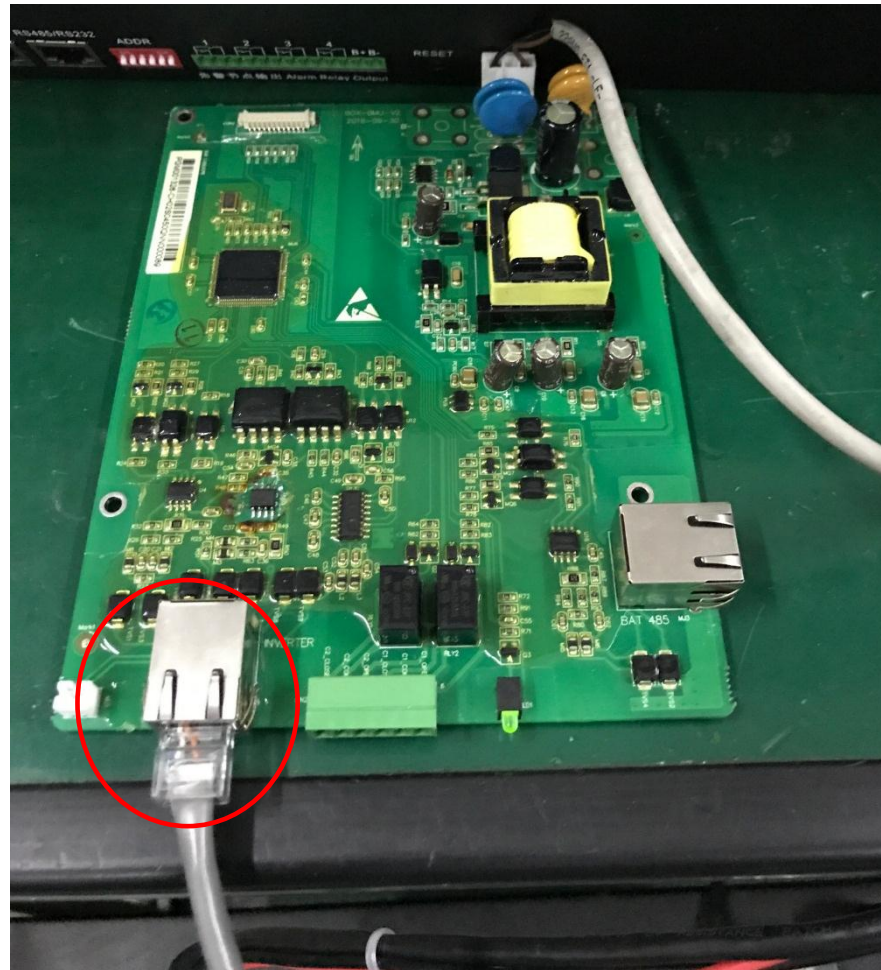
5. Import the file



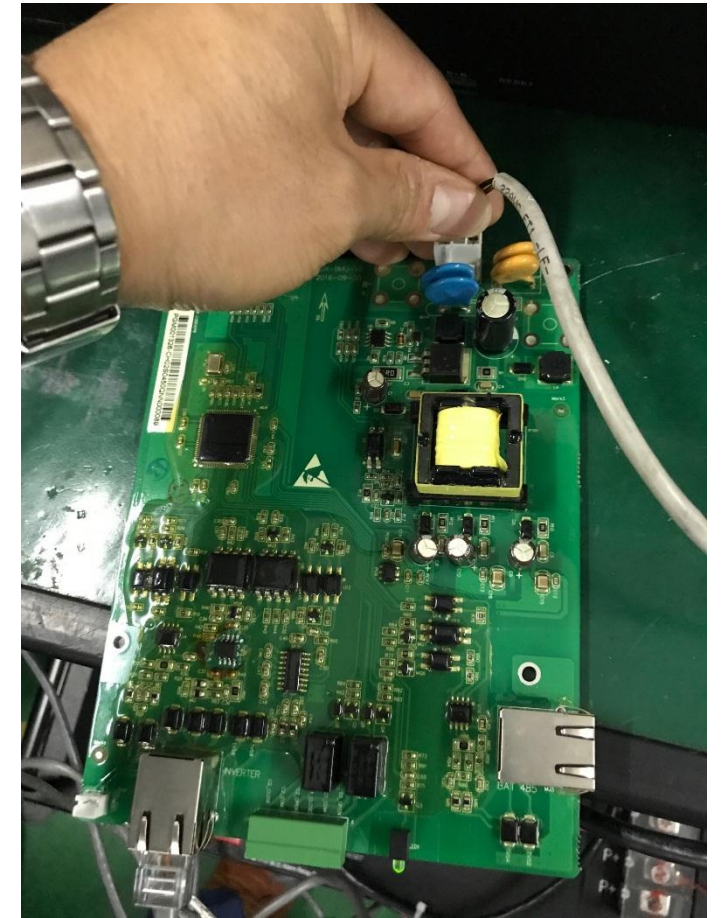
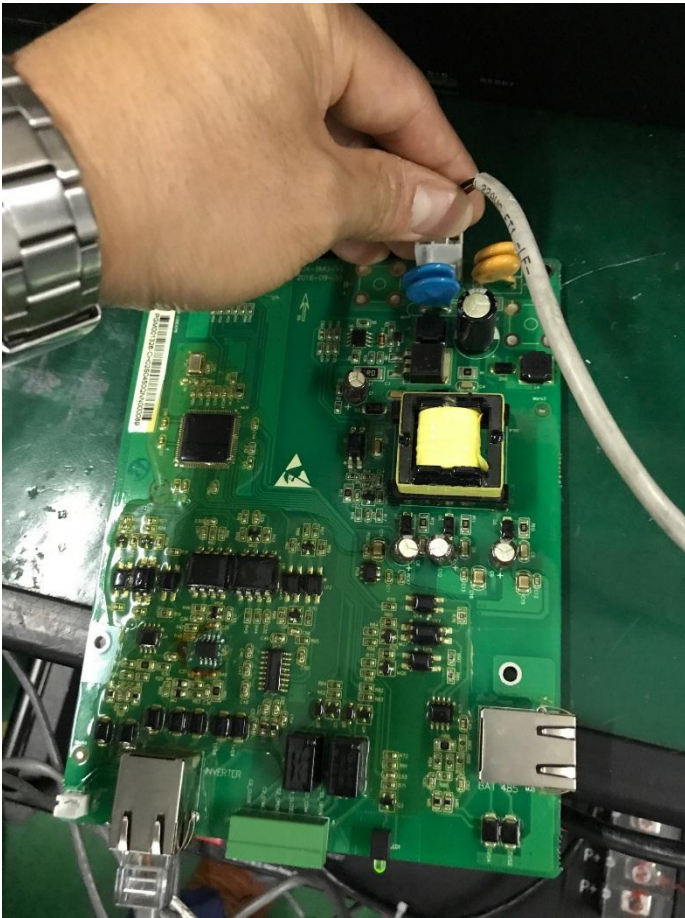
6. Select the “Passive update(Reset key operate or restart)”



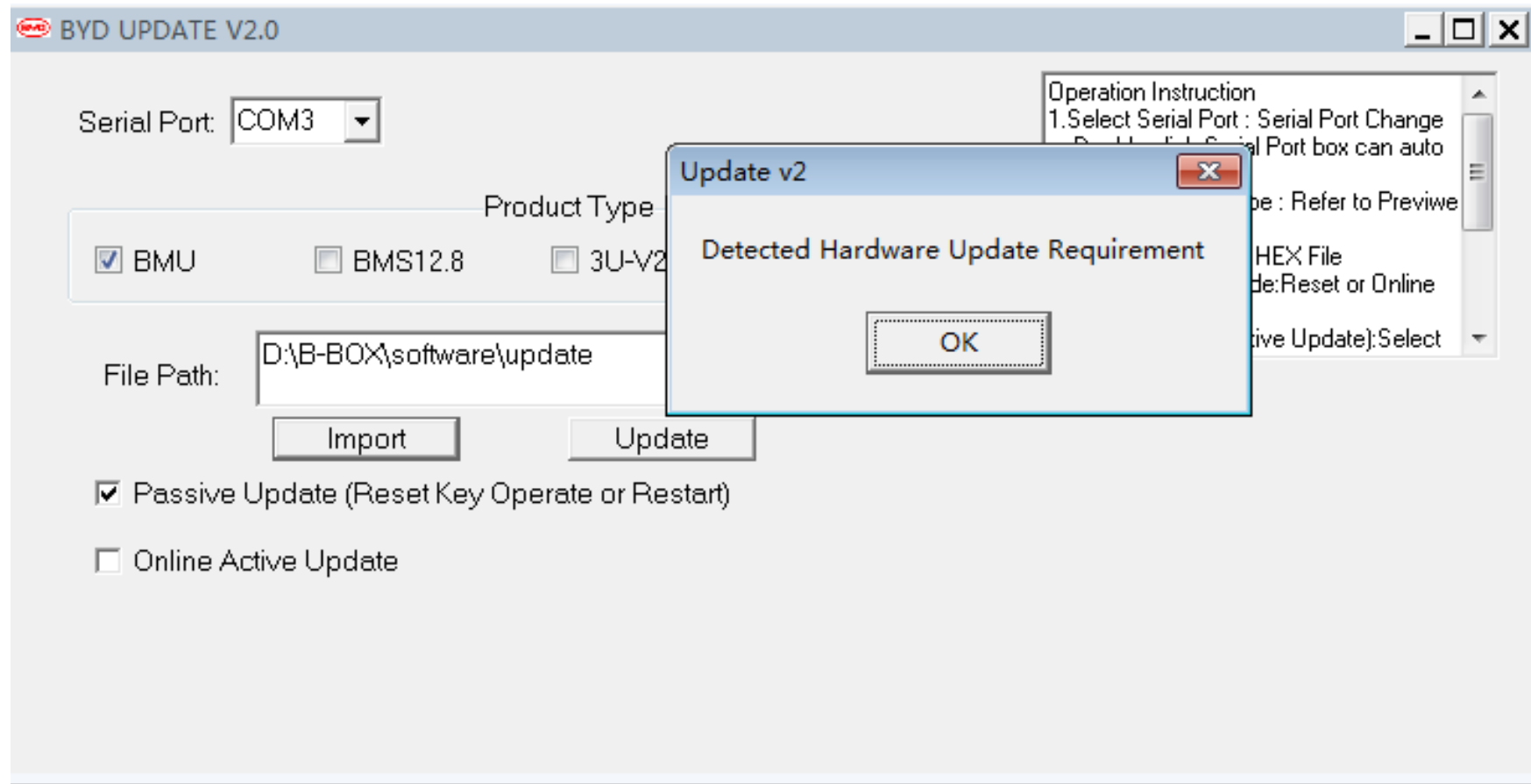
7. Connection the BMU and Computer.



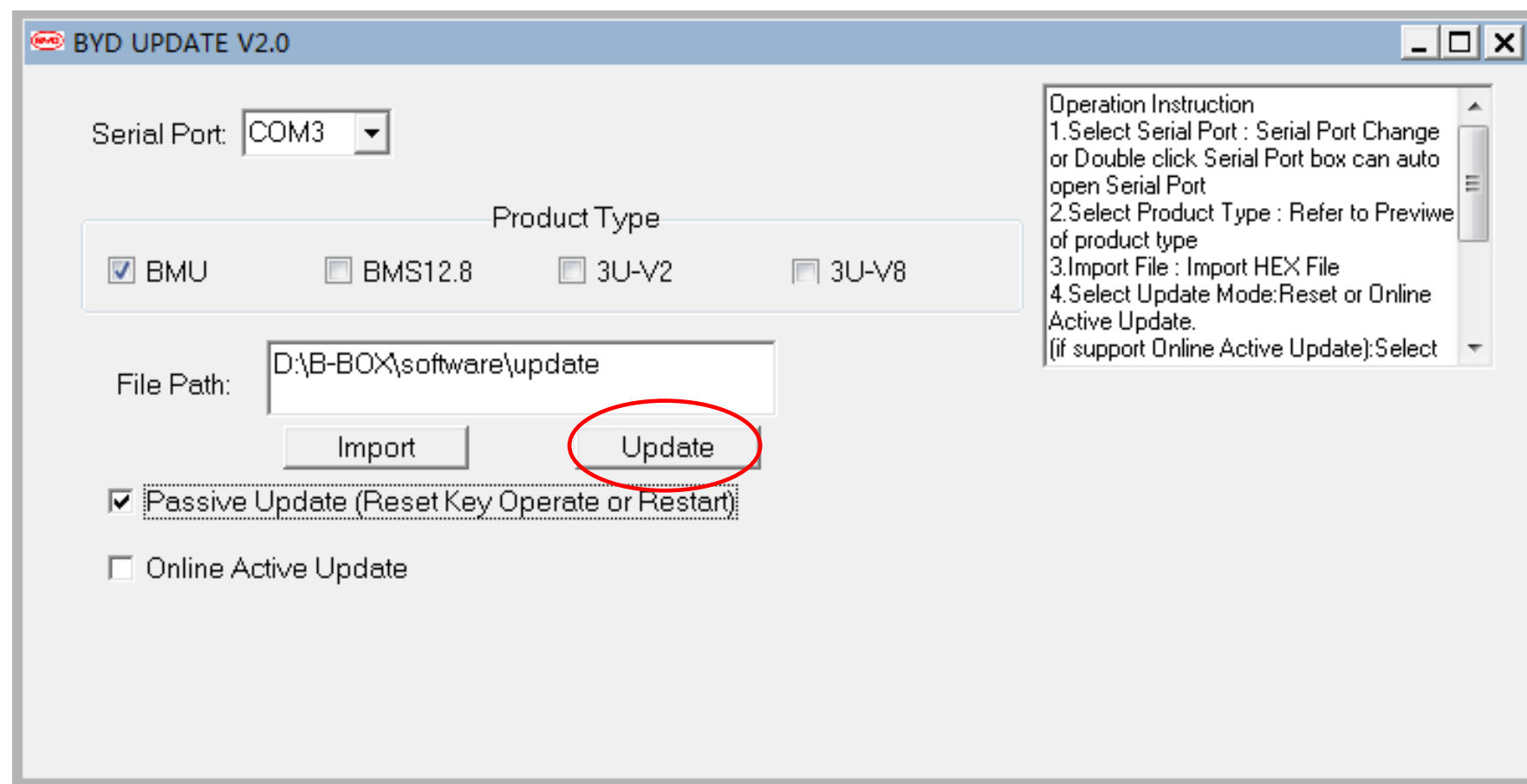
8. Reset the BMU(start the **BMS** to Supply of electricity to **BMU**. Unplug the power and plug in the power)



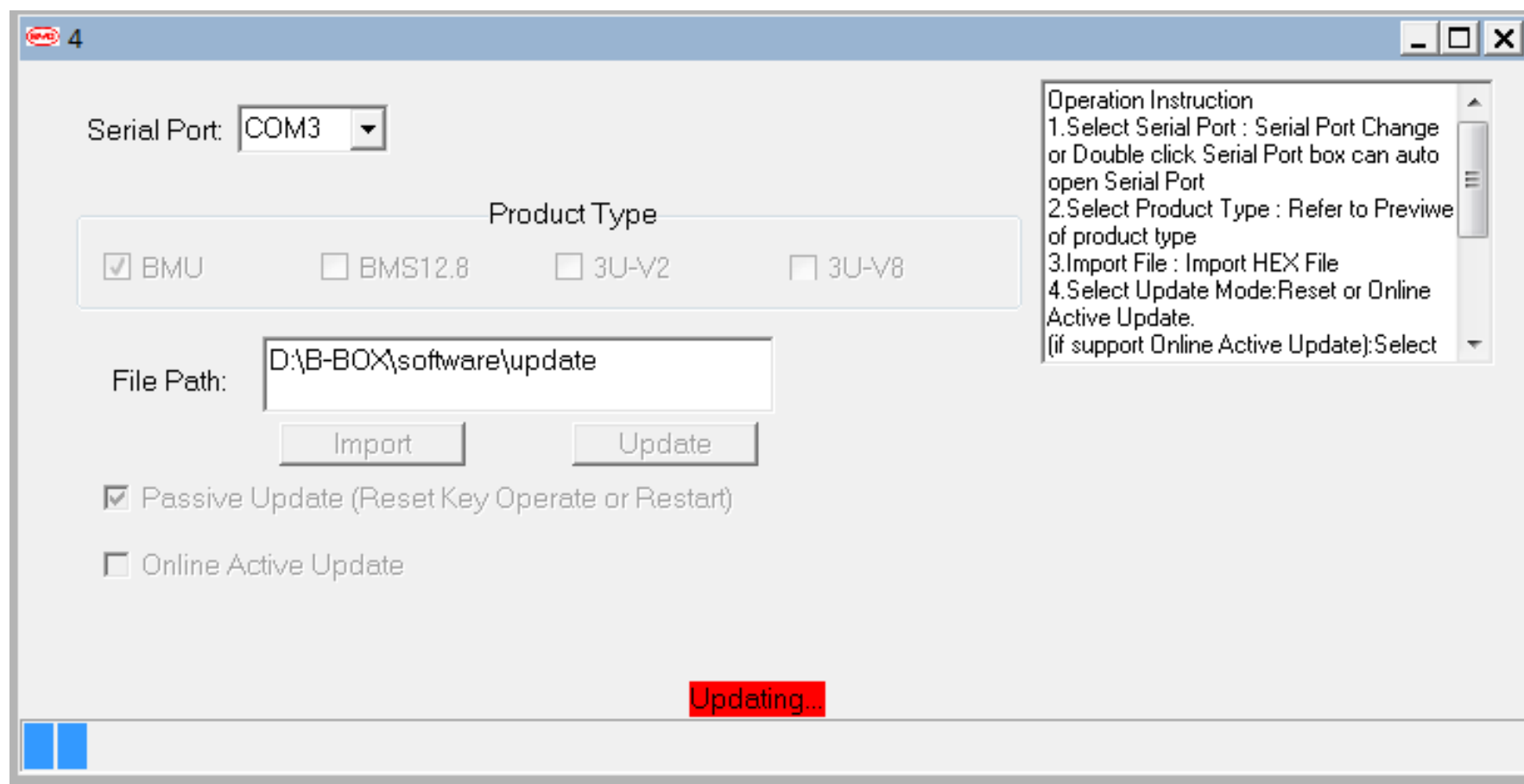
9. The window will pop up a dialog box.(if not, Restart the software and try again.) Click **OK**.



10. Click **Update**.



11. Updating.



12. Complete.

