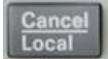







How to find the recent firmware revision of the B2901/02/11/12A

Step 1. If you aren't on the top of the Function menu, press  repeatedly to return to the top level.

On the top level of the Function menu						Any tree structure can't be seen
Config	Function	Trigger	Result	File	More...	LAN 1
In the middle level of the Function menu						Some tree structure can be seen
>> System >> Cal/Test	Self-Cal	Self-Test				LAN 1

Step 2. Press , , , , and then press  to open Revision dialogue.


REM LAN D						(1) Press More...
Config	Function	Trigger	Result	File	More...	
Program I/O Display System More...						(2) Press System
>> System Error Reset Cal/Test PLC Timestamp More...						(3) Press More...
>> System Start-up Sound SCPI Info. More...						(4) Press Info.
>> System >> Info. Revision DateTime Update Demo More...						(5) Press Revision


↓

Source: VOLTS		0.00 mV
Revision		
Model Number: B2912A		
Serial Number: JPD0007102		
Firmware Revision: 1.0.1104.9494		
CPU FPGA Revision: 01.45		
SMU FPGA Revision (1): 19.49		
SMU FPGA Revision (2): 19.49		
+100.0000 uA		
>> System >> Info.		LAN D
		OK

After that, you can see the recent firmware revision of the B2901/02/11/12A.

How to update the firmware of the B2901/02/11/12A

Step 1. If the instrument is turned on, press Line Switch  to turn it off.

Step 2. Press Line Switch  again to turn on the instrument and wait for LAN indicator becomes green or red.



Step 3. Download the ZIP file which includes the latest version of the B2901/02/11/12A firmware to your PC.

Step 4. Unpack the ZIP file on your PC

Step 5. Copy B2900A folder to the root folder of your USB flash memory device.

Step 6. Attach your USB flash memory device to the USB port on the front panel of the B2901/02/11/12A.



Step 7. Press     , and then press

 to open Revision dialogue.

(1) Press More...

(2) Press System

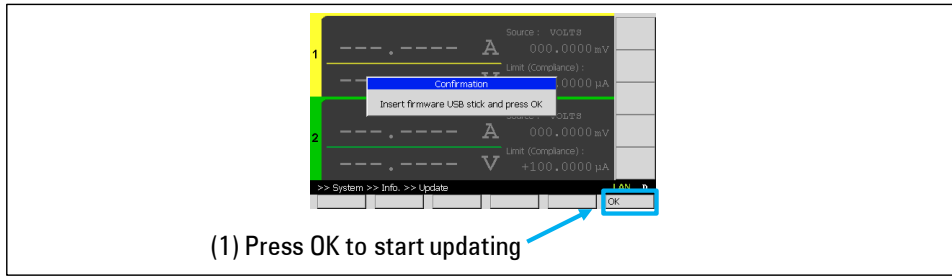
(3) Press More...

(4) Press Info.

(5) Press Update

(6) Press Firmware

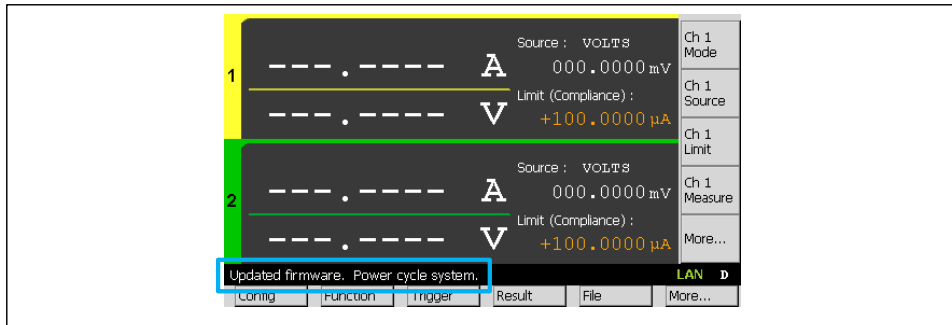
Step 8. Press OK to start updating the firmware. The update will take 10 minutes or less.





You'll see the following messages during updating.

- Updating firmware (X.X.XXXX.XXXX) ...
 - Updating CPU FPGA (XX.XX) ...
 - Updating SMU1 FPGA (XX.XX) ...
 - Updating SMU2 FPGA (XX.XX) ...
- *) If you uses 2ch model

After completing the update, you'll see the message which prompts you to power cycle system.



Step 9. Press Line Switch  to turn off the B2901/02/11/12A once, and then press Line Switch  again to turn on the B2901/02/11/12A.

Step 10. See the firmware revision of the B2901/02/11/12A again to confirm it has been updated properly.