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# How to update the firmware on an SPD3000 Series power supply

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The SIGLENT SPD3000 series of power supplies can be upgraded remotely using a computer, USB cable, and SIGLENT EasyPower software.

1. Download EasyPower from the firmware & software tab of the SPD Product Page

2. Download the latest firmware from the firmware and software tab of the SPD Product Page. Unzip the file using a file utility (7Zip, Winzip, etc..) and place the firmware file (\*.UGF extension) to an easy-to-remember folder on a local drive of the computer.

3. Connect the SPD power supply to the computer using a USB cable

4. Connect the SPD power supply to an uninterruptible power supply to provide constant power to the unit during the upgrade

**WARNING!** The user is responsible for any repair costs associated with a faulty upgrade. The repair will be considered "Out-of-warranty" and SIGLENT is not responsible for any damage, repair, or shipping costs associated with a faulty upgrade.

5. Run EasyPower software. You can run an application a number of ways. One way is to simply doubleclick on the desktop icon:



6. After the application opens, select the connection icon and then the USBTMC connection method as shown below:



File Function View Version	EasyPower		008
	File Function View Version		
USBTMC VX111	78 광 🖬 🗿	ConnectType	
		USBTMC VXIII	
13			13

7. Select the USB device that you wish to communicate with and select Open:

ConnectByUSBTMC	$\otimes$
The connected devices are list below:	
USB0::0x0483::0x7540::SPD30CA1160173::INSTR	
Open Search Cancel	

8. Select Version > Upgrade

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Face Damage		000
E asyrower		000
About EasyPower		
Device List: 1 Help		
	×	
CH1	CH2	
C ON/OFF	C ON/OFF	OutMade
		C Seria
Voltage <b>Organization</b>	Voltage	C Paral
Power	Power	
Set 00.000 🚔 V Set 0.000 🖾 🛆	Set 00.000 🗠 V Set 0.000 🗠 🛆	Save
		Recall
	13	

9. Select the firmware update file by pressing "..."

UpgradeDlg		×
	Normal Mode	© Firmware Mode
UpgradeFile:		
	L	
		Upgrade
		Ready



10. Select the firmware update (\*.UGF extension) and press Open:

Open						$\times$
Look in:	Fimware 🔹	← 🗈 💣 📰▼				
Name		Date modified	Туре	Size		
Data		0/20/2016 0.00 AM	F1 ( ))			
SPD33	303C V100R002B01D01P02.ugf	9/30/2014 11:21 AM	UGF File	58 KB		
	Size: 58.0 KB Date modified: 9/30/2014	11:21 AM				
	Bate mouncar 5/ 50/ 2014					
Dia anna					<b>[</b>	
rile <u>n</u> ame:	SPD3303C V100R002B01D01P02					Open
Files of type:	update file(*.ADS;*.ugf)				٥	Cancel
						Help

11. Press Upgrade and select USB:

UpgradeDlg		×
	• Normal Mode • Firmware Mode	
UpgradeFile:	C:\Users\jayre\Documents\Instruments\SPD\Firmware\SPD3303C V100R002B(	
	Upgrade	
	Ready	

12. Verify the connection type (USBTMC) and select the instrument address from the list:



ConnectType 🛞	
USBTMC	
VXI11	ConnectByUSBITMC (*)
	Open Search Cancel

13. The software will indicate the progress of the upgrade. You may also receive prompts to restart the instrument after the process is complete.

UpgradeDlg	$\overline{\mathbf{x}}$
	Normal Mode C Firmware Mode
UpgradeFile:	C:\Users\jayre\Documents\Instruments\SPD\Firmware\Beta\V100R002B01D01
	Upgrading firmware now, please don't let the instrument power off !
	Upgrade
	Ready

## **SIGLENT**

Upgrade

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Upgrade Over! Please close the software and open it again.



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