

UPDATING THE FIRMWARE VIA SSH

If the power controller does not have access to the Internet, download the files on the PC with which to perform the upgrade.

If you have scp on the PC (available in Windows 10) you can use it to upload the file to the power controller.

If not, you can use pscp from the link on <http://www.putty.org>.

UPDATE THE APPLICATION SOFTWARE (.SYSUPGRADE FILE)

```
scp sysupgrade_file_that_you_downloaded admin@power_controller_IP:/tmp/
```

(you will be asked for the adminpassword)

or

```
pscp -batch -pw your_admin_password -scp sysupgrade_file_that_you_downloaded admin@power_controller_IP:/tmp/
```

If the power controller does have access to the Internet, you can download the file directly to the power controller.

```
cd /tmp
```

```
wget http://digital-loggers.com/downloads/fw/the_sysupgrade_file
```

Perform the upgrade:

```
sysupgrade /tmp/the_sysupgrade_file
```

The unit will upgrade and reboot.

UPDATE AVR/MAINTENANCE FILE VS SSH (.AVR OR .CORE FILE)

*Version much match the installed Application (.sysupgrade) firmware version

Copy the core or avr file to /tmp directory in the same manner as above

If running maintenance/AVR (right-side version) 1.7.27 or higher, you can run a .avr update file. Otherwise, use the .core file to update the boot loader.

Upload or download the the_avr_or_core_update_file to the /tmp directory of the power controller.

After the file is in the tmp folder.

```
cd /tmp
```

```
mkdir /tmp/temp
```

```
cd /tmp/temp
```

```
tar xzf /tmp/the_avr_or_core_update_file
```

```
touch SKIP_CONFIRM
```

```
sh -x ./run
```

After about 90 seconds, clean up the files

```
cd ~
```

```
rm -rf /tmp/temp
```

```
rm /tmp/the_avr_or_core_update_file
```