

## New features in PQ-Box 100/150/200 Software “WinPQ mobil” V3.1.8.1

15/1/2018

*This document details the main changes made in WinPQ mobil release V3.1.8.1 compared to V3.1.7.2.*

*Software V3.1.8.1 should be used with PQ-Box firmware:*

<b>File</b>	<b>PQ-Box 100</b>	<b>PQ-Box 150</b>	<b>PQ-Box 200</b>
<b>Boot</b>	1.202	0.197	0.197
<b>DSP</b>	1.404	4.022	4.022
<b>MCU</b>	2.018	3.013	3.013
<b>FPGA</b>	N/A	N/A	0.012

*To access some new features, the firmware in the PQ-Box must also be updated. Refer to the latest User Manual for instructions on how to update firmware.*

**Caution – Save/back-up setting and data files on your PQ-Box before updating MCU firmware. Updating the MCU deletes all measurement files.**

**As a precaution, please back-up user recording & data files on your PC before updating WinPQ mobil software.**

*Compatibility:*

- *This latest version of software is able to open data files downloaded with earlier versions.*
- *After updating the firmware of the PQ-Box to above, you should only use WinPQ mobil V3.1.8.1 (or later) to download data from the PQ-Box. While earlier version of WinPQ mobil may appear to permit downloading of data and uploading of new settings, the **use of earlier versions of WinPQ mobil will not be supported** as these do not use/set the full parameters of the latest PQ-Box firmware.*

### New Features:

#### 1) Various bug fixes:

- Dataconverter current factors can be set to <1
- 3 second data class visualization improved in case where data is missing
- Apparent and Reactive Power & Power and Reactive Factor fixed for PQ-Box 150/200 in the N-Minute dataclass

#### 2) Improvements

- Measurements can be opened by double clicking on the .pdf file
- ‘Fill Gaps’ option, enters zero values in CSV export where measurements were interrupted by power down.