

This kit contains:

- 1) isolated battery monitor to USB interface box, including interface cable
- 2) 2,0m USB cable
- 3) CD-Rom containing Dashboard communication software for Windows XP/Vista
- 4) this sheet

Using the kit:

The interface box must be connected to the battery monitor RJ12 expansion port as displayed below. If your battery monitoring system contains an optional temperature sensor too, then this sensor must be connected to the TEMP. SENSOR input of the interface box. The enclosed serial cable connects the USB input/output of the interface box to your PC's communication port. **Please make sure that you only connect the USB cable to your PC after Dashboard is completely installed.**

To reduce the total power consumption of your battery monitoring system, it is advisable to disconnect the interface box from your battery monitor when no communication is necessary. This is accomplished by removing the battery monitor interface cable from the battery monitor expansion port.

Installing the software:

Please follow the steps below to ensure proper installation of the Dashboard communication software on your computer system:

- 1) Exit all running Windows programs.
- 2) Insert the Dashboard communication software CD-Rom into your drive. The Autorun capability of Windows will start the setup process automatically. If it does not, locate your CD-Rom drive using Windows Explorer and run setup.exe.
- 3) Follow the step-by-step instructions on your screen to complete the software installation. NOTE : When you are not logged on with administrator privileges, Windows may ask you for an administrator password a few times.
- 4) During installation, you may be asked to acknowledge installation of USB drivers twice.
- 5) After the software installation is completed, you can connect the USB interface box to a free USB port on your PC.

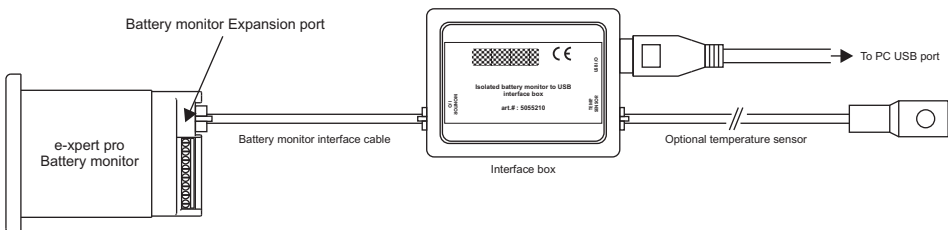
Getting started with the Dashboard communication software:

To start the Dashboard communication software after installing, proceed with the following steps:

- 1) Click on the Windows [START] button.
- 2) Select [PROGRAMS] followed by [Dashboard].
- 3) Choose the Dashboard icon to launch the software. When your battery monitor is connected to the PC, a corresponding icon will appear in the Device manager. If you need any further help with Dashboard, please read the enclosed Readme File.

Technical specifications:

| Technical specifications full duplex isolated interface box |                     |
|---|---------------------|
| Input voltage range   | +9...35VDC          |
| Input current range   | 16...25mA           |
| Isolation value   | 1500Vrms for 1 sec. |
| Operating ambient temp.                                     | 0...50 °C           |
| Dimensions (L x W x H)                                      | 86 x 66 x 27mm      |



Complete battery monitor communication setup including temperature sensor