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With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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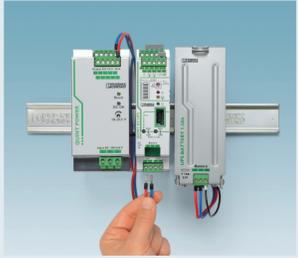


# Quick start guide

for QUINT UPS-IQ uninterruptible power supply and UPS-CONF configuration and management software

## 1 Hardware installation

Complete the following work steps to wire the hardware.



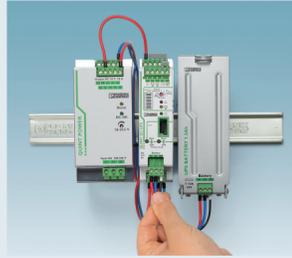
1.1. Connect the 24V output of the QUINT POWER power supply unit to the 24V UPS input.



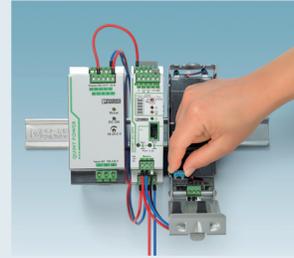
1.2. Wire the I>N signal contact.



1.3. Connect the load to the UPS output.



1.4. Connect the battery cable. Check the cable cross section in the respective package slip.

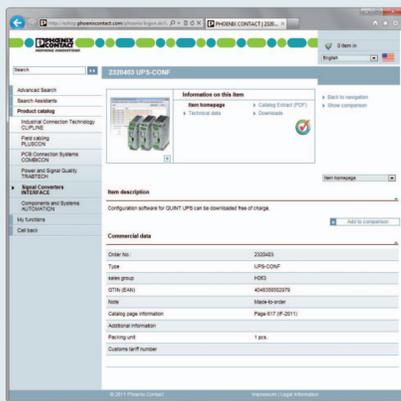


1.5. Plug in the enclosed fuse. After connecting the mains the hardware is now fully functional. (The fuse should be removed if storing the battery for a long time).



1.6. If the UPS-CONF software is to be used, connect the IFS-USB-DATACABLE.

## 2 Software installation

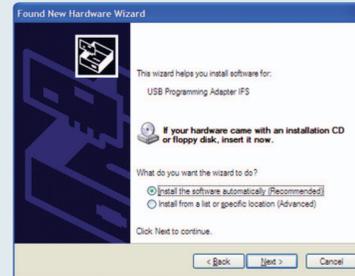


After you have completed the download from [www.phoenixcontact.net/catalog](http://www.phoenixcontact.net/catalog), open the installation file by double-clicking and following the instructions.

Installation on Windows XP:  
As soon as the driver installation wizard opens, please proceed as follows



2.1. Select "No, not this time" and click "Next".



2.2. Choose "Install software automatically" and then click "Next".



2.3. Following successful installation, confirm with "Done".

## 3 Brief instructions to UPS-CONF

**Device information**  
Here you find the UPS device type. Optionally, you can insert text under "Settings/Advanced/Place of Installation".

**Software menu with navigation bar**

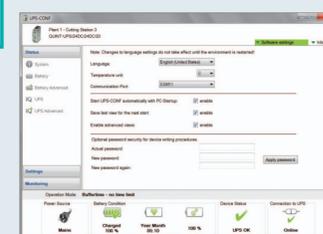
The screenshot shows the main interface of the UPS-CONF software. It features a navigation bar on the left with 'System', 'Battery', and 'IQ UPS' options. The main area displays a diagram of the power supply unit, UPS control unit, and battery unit. Below the diagram, there are status indicators for 'DC OK', 'Boost', 'State of Charge', 'Remaining Runtime', 'State of Health', 'Remaining Lifetime', and 'State of Function'. At the bottom, there is a 'Status bar' with 'Operation Mode: Buffertime - no time limit' and 'Action area' with 'Power Source: Mains', 'Battery Condition: Charged 100%', 'Year:Month: 05:10', 'Device Status: UPS OK', and 'Connection to UPS: Online'.

**Status bar**  
The current status of all components provides a quick overview.

**Action area**  
The content depends on the navigation. The system overview is mapped as an example. Modules, voltages and signals are identified and currently displayed.

### System menu

Here you find information on basic settings and manufacturer information.



You can adjust the following software settings:

- Language setting, changes take place once the software is restarted (German, English)
- Select temperature unit (Celsius, Kelvin, Fahrenheit)
- Check the communication port for the IFS-USB-DATACABLE data cable and change if necessary (COM x)
- Advanced views active: extensive information about the UPS and the battery unit appear in the menu

### Intelligent battery management

Note: fully functional only once the battery is fully charged.

**SOC (State Of Charge)** – current charging state and remaining back-up time of the battery unit.

**SOH (State Of Health)** – remaining life expectancy of the battery unit; provides early warning for a potential battery unit failure.

**SOF (State Of Function)** – determines the current performance of the battery unit.

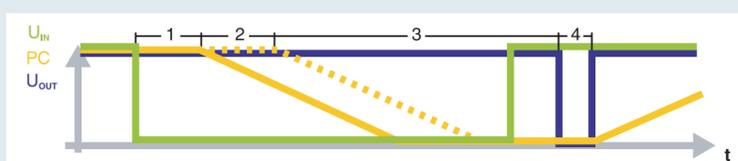
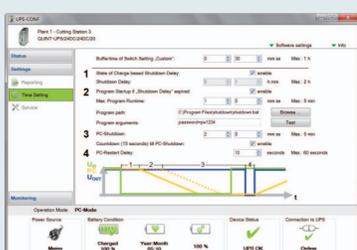
### Important note!

This information serves to support the user and does not exclude an independent inspection, especially in view of the suitability in individual cases. It is the responsibility of the reader to check the current standards in content and in reference to the validity for the task.

Please follow the safety notes in the packaging inserts of the devices.

Further details about the hardware and software can be found at [www.phoenixcontact.net/catalog](http://www.phoenixcontact.net/catalog).

## 4 PC mode: Time settings for shutting down the PC/IPC



**1 Shutdown delay**  
Delay time is calculated automatically from the current remaining battery life minus the time required by the PC / IPC to shut-down. Alternatively, a fixed delay time may be chosen.

**2 Program startup**  
After the delay time has expired it is possible to start a program. Example: a software starts that gradually backs up system data.

**3 PC shutdown**  
The time required by the PC/IPC to shut down is set here.

**4 PC restart delay**  
Only if the PC/IPC is shut down, and the mains has returned in the meantime, the output voltage will be interrupted for the reset time. The PC/IPC is then automatically restarted.

### Requirements:

- Data cable IFS-USB-DATACABLE (Order No. 2320500) is installed
- Software UPS-CONF (Order No. 2320403) is installed, a free download from the E-shop
- Signal cable for data exchange between UPS and battery unit is installed

In the "PC Mode" setting on the UPS potentiometer, the UPS functionality follows a chronological sequence that can be parameterized via software, and is thus individually customized to the respective application. Menu: Settings/Time setting

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