



OMRON Uninterruptible Power Supply (UPS) Automatic Shutdown Software

Quick Installation Guide

Supplied CD with the product

- The type and version of the software on the supplied CD with the product are subject to change without notice. For more information about the included software on the CD, see the supplied CD with the product.
- You can download the latest version of the automatic shutdown software from our website.

[Website address] industrial.omron.eu

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- "Apache HTTP Server" is a software that has been developed in the Apache Software Foundation (<http://www.apache.org/>).
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Note

Different plural automatic shutdown softwares cannot be installed on one computer. Be sure to install only one type of automatic shutdown software.

Regarding Applications

It has been designed and manufactured for use only on computers that are used in general offices and homes. Never use in the following applications where extremely high reliability and safety are required:

- Applications such as medical equipments directly related to human life.
- Applications that could lead to personal injury. (Applications directly relevant to the service, operation and control of aircrafts, ships, trains, elevators, etc.)
- Applications to major computer systems, main communication equipments, or public transportation systems.
- Applications to any other equivalents thereto.

Software License Agreement

Installation of the software to your computer constitutes your full acceptance of the following software license agreement ("the agreement"). If you do not agree, do not install the software on your computer.

Software License Agreement

The agreement is what OMRON Corporation ("OMRON") determines the terms and conditions under which the licensed software products ("the software") to our customers. Before using this software, be sure to read carefully the following items.

- "The software" referred to in the agreement includes all the computer programs and related technical documentation which are included in this package. Copyrights and other intellectual property rights related to the software belong to OMRON or third parties that have a license to OMRON, and never transferred to you by the agreement. If the customer has violated those rights, the customer bear the responsibility to OMRON and the third parties that have a license to OMRON described above.
- OMRON accepts the non-exclusive rights to use the software in the only purpose of our customers to manage the UPS.
- Customers are able to copy the software only for backup purposes of the software. Customers are not allowed to do modifications, decompilation, disassembly, or reverse engineering of the software, or other acts similar to them.
- Customers shall save the content of the software as confidential and shall not disclose to third parties during the agreement period and after the termination of it.
- If there are physical defects to the software (such as CD-ROM damage), we replace it free of charge only within 90 days from the day when the customer has purchased the product.
- If the customer has discovered defectives of the software and returned it within 90 days after purchasing the product, OMRON will replace it free of charge.
- Above exchange of the software defines all of the software assurance responsibility of OMRON, and OMRON is not responsible for any damages for the customers of direct, indirect or repercussive damages resulting from the defect of the software.
- If the customer has been claimed from a third party or other than the third party that have a license to OMRON for infringing the patent rights (includes rights under the utility model rights, the same below) or copyrights resulting from modification, decompilation, disassembly, and reverse engineering of the software or other similar acts, OMRON does not bear responsibility.
- In any case when OMRON bear the responsibility for the losses incurred by customers, the responsibility of OMRON does not exceed the amount you paid as a commodity purchase price.
- If the customer is in breach of the agreement, OMRON will be able to terminate the license of the software by notification. In that case the customer must return the software and all of its copies to OMRON.

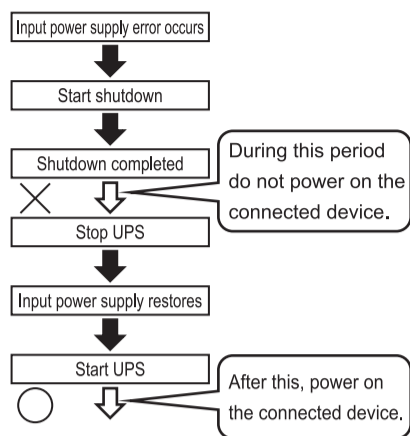
Requests regarding

- To divert all or part of the content of the software and the manual without permission is strictly prohibited.
- The content of the software and the manual are subject to change without prior notice in the future.
- Although every effort has been made for the content of the software and the manual, if you find any errors or notice, please contact us.

Cautions when using automatic shutdown software

The automatic shutdown software starts a shutdown operation after a preconfigured time elapsed and the UPS stops automatically after a lapse of time set.

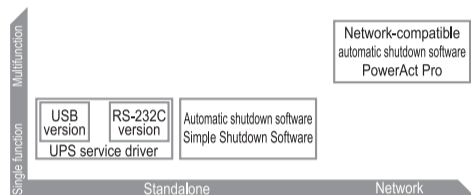
Power on the device that are connected to the UPS after it's shutdown completes and after the UPS has stopped. If the connected device is powered on before the UPS stops, the connected device may be powered off just when the UPS stops, which eventually causing damage to the connected device.



Choose automatic shutdown software to use

Software Features

Automatic shutdown softwares are offered to manage the power of your system.



Automatic Shutdown Software Selection Example

Classification	General purpose (Single-functional, Standalone)		Network management applications (highly-functional, network-compatible)
	Simple Shutdown Software	UPS service driver	
Automatic Shutdown Software	Simple Shutdown Software	UPS service driver	PowerAct Pro
Communication method with UPS	USB/RS232C	USB/RS232C	USB/RS232C
Supported OS	Windows	●	●
	Linux	●	●
	Mac	—	—
	Unix	—	—
Software feature	Automatic shutdown	●	●
	Cooperative shutdown	—	—
	External command	●	●
	Scheduled operation	● (*1)	—
	Changing UPS settings	—	—
	Event and data log save	—	—
	Redundant power support	—	—
	Script shutdown	—	—
	ping life-and-death monitoring	—	—
	CO ₂ monitoring feature	—	—
Sending e-mail when an error occurs	—	—	
Remote management of UPS	—	—	
SNMP management	—	—	
SYSLLOG support	—	—	

(*1) A schedule operation is possible by running the "omronctl" module.

PowerAct Pro

Supported OS: Windows/Linux/Mac/Unix/VMware

It is a shutdown software with a rich feature set including script shutdown, ping monitoring, SNMP, UPS status display. Combining Master Agent and Slave Agent, you can execute the shutdown of multiple computers with one UPS.

[Master Agent]

Install it when connecting between the UPS and the computer with the supplied cable in the package.

[Slave Agent]

Install it when not connecting between the UPS and the computer with the supplied cable in the package.

Simple Shutdown Software

Supported OS: Windows/Linux

When an input power supply error (such as power failure) occurs, you can shut the computer down and stop the UPS automatically. Among plenty of features PowerAct Pro has, only basic functions as a shutdown software are implemented. The software offers the source code as open source. If you modify/recompile the source code, you can incorporate the management function of the UPS into the Windows/Linux system you are using.

UPS Service Driver

Supported OS: Windows

This is a software for using the UPS with "UPS service" which is the shutdown software of Windows 2000/XP/Server2003 as a standard installation.

- You can use the UPS services with the cable included in the UPS.
- Before OS shutdown resulting from an input power supply error (such as power failure), files such as Word, Excel and PowerPoint that are being edited can be automatically saved.
- You can easily set the functions of the "UPS Service" from your own custom setting screen.

PowerAct Pro Master Agent Installation instructions

An example of installing PowerAct Pro Master Agent Ver.5.00 to Windows 7 is as follows:

(If there is a choice at the time of installation, its initial value is selected.)

1 Preparation

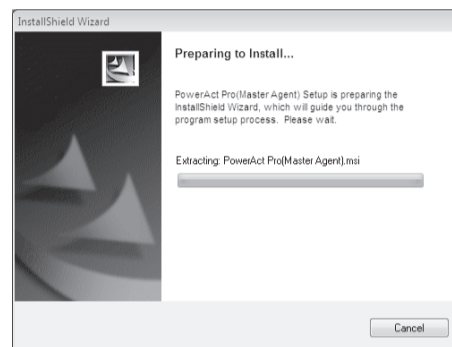
Connect your computer and the UPS with a supplied cable and turn the "Power" switch of the UPS and the computer "ON".

Login to Windows with a username with administrator authority.

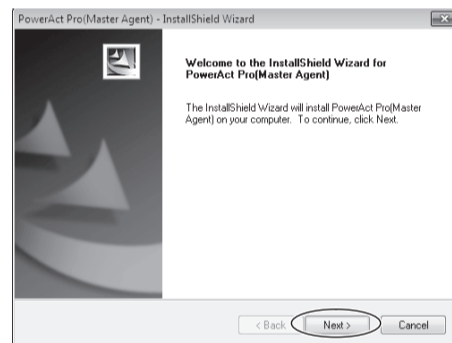
2 Execute installation

When you insert the CD-ROM into the CD-ROM drive of the computer, "Have you done UPS user registration?" screen appears. When you click the button [Already registered / Register later], "OMRON UPS automatic shutdown software menu" screen appears. Click on the [Install] button in the PowerAct Pro (Windows version) Master Agent. If it does not work, run the following file on the CD-ROM. D:\software\PowerAct_Pro\Ver50\Windows\Program\Master\setup.exe

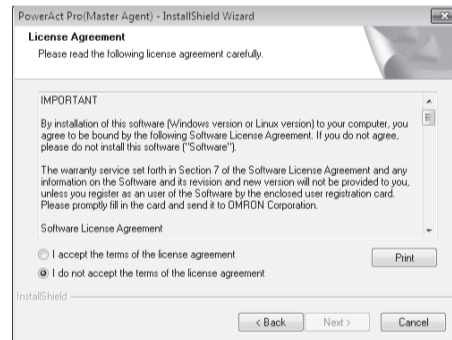
3 After the following screen appears, wait until the next screen is displayed.



4 Click [Next >] button.



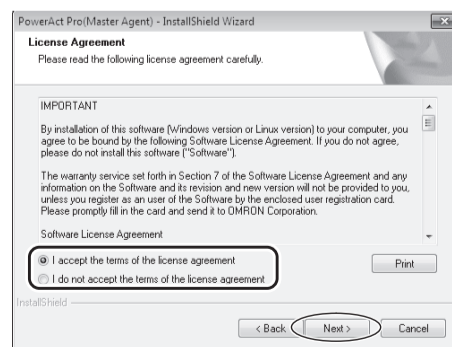
5 The following screen appears.



6 Check the content of the product license. If you agree, click on the radio button of [I accept the terms of the license agreement].

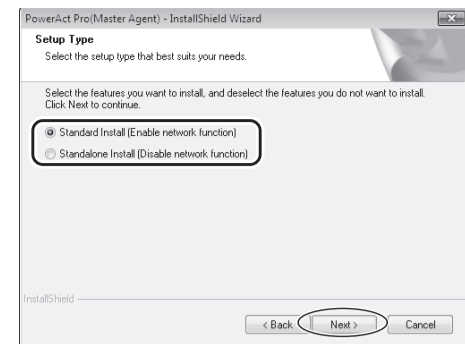
If you do not agree, click on that of [I do not accept the terms of the license agreement]. If you do not agree, you can not use the software. Click [Cancel] button to stop the installation.

If you agree, click [Next >].

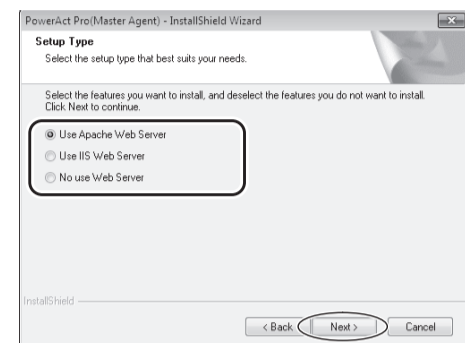


7 Select the program what you want to install and click [Next >].

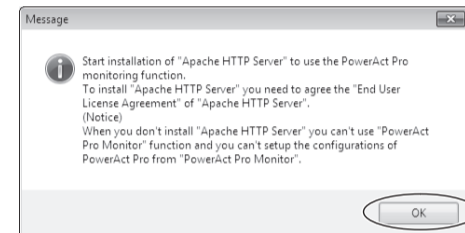
In this procedure example, select "Standard Install".



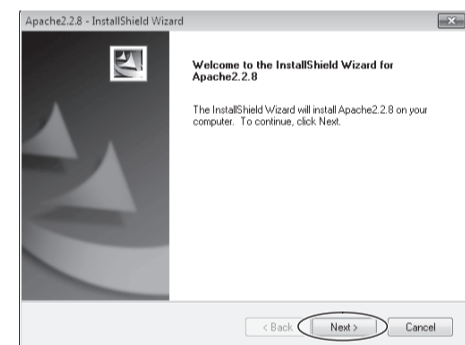
8 Choose the server program related to the PowerAct Pro network operations. Click on the radio button of the applicable item and click [Next >].



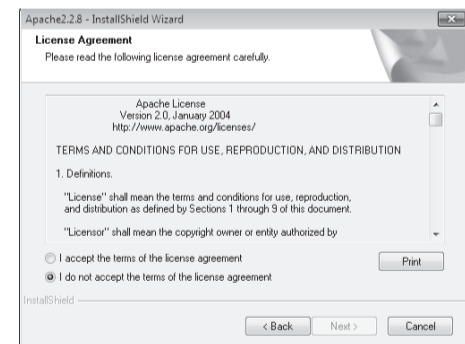
9 Since in this procedure example we selected "Use Apache Web Server", you will be asked to confirm whether to install the Apache in the following screen. Click [OK].



10 Apache2.2.8 setup starts automatically. Click [Next >] button.

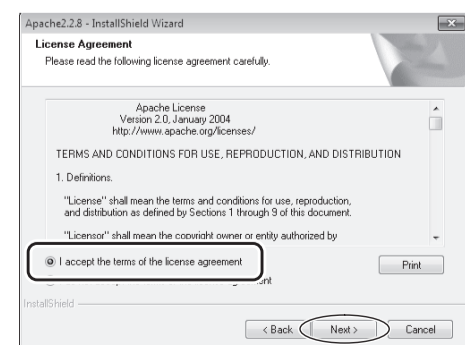


11 The following screen appears.

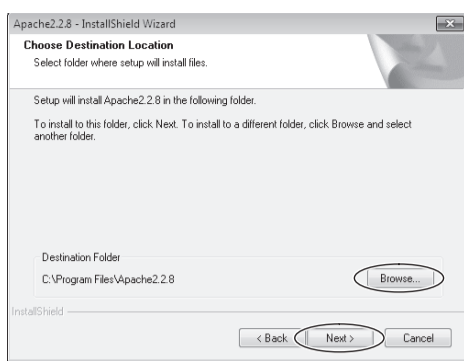


12 Check the content of the product license. If you agree, click on the radio button of [I accept the terms of the license agreement].

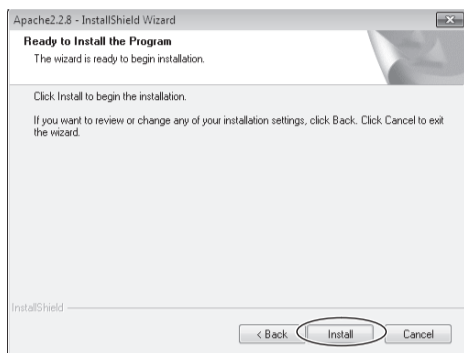
If you do not agree, click on that of [I do not accept the terms of the license agreement]. If you do not agree, you can not use the software. Click [Cancel] button to stop the installation. If you agree, click [Next >].



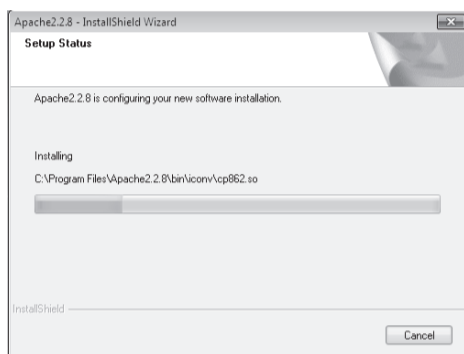
13 You are prompted to specify the destination folder. If you want to specify a folder other than being displayed, specify the folder by clicking the [Browse...] button. After checking the folder, click [Next >].



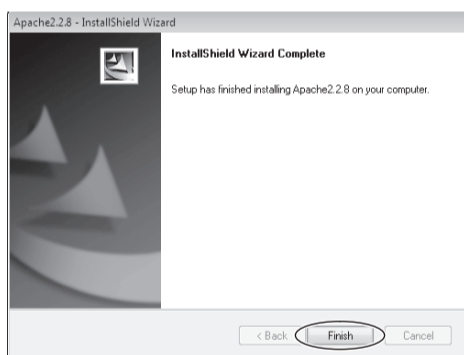
14 The installation continues. Click [Install].



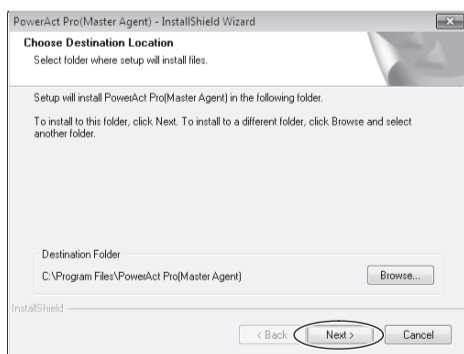
15 The installation starts and the following screen appears.



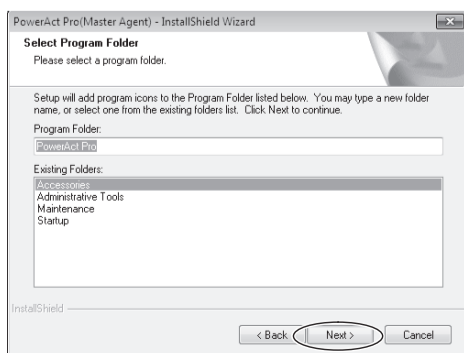
16 After the completion screen is displayed, click [Finish]. The installation of Apache is completed and you will return to the installation of PowerAct Pro. The screen in step 17 may take some time to appear. Wait for a while until it appears.



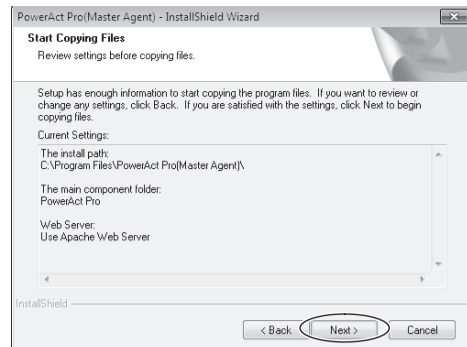
17 Check the folder name of the installation destination and click [Next >] button.



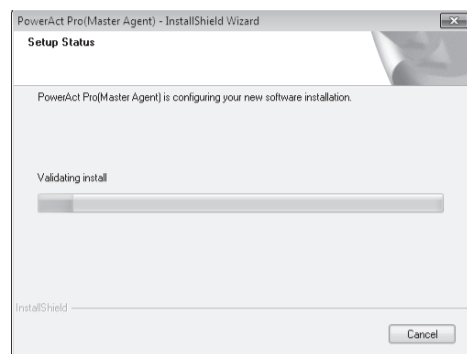
18 Check the program folder name and click [Next >] button.



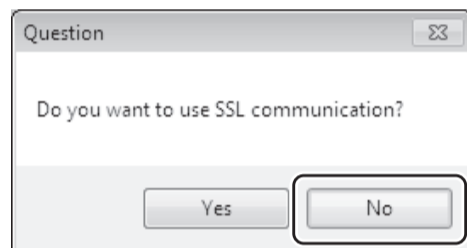
19 The confirmation screen appears. If there is no problem, click [Next >].



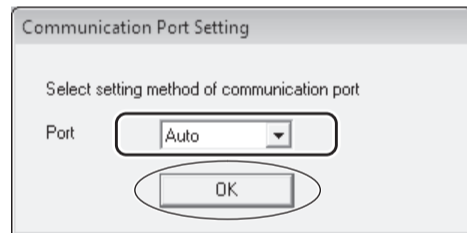
20 Copying files starts and the following screen appears. Wait until the next screen is displayed.



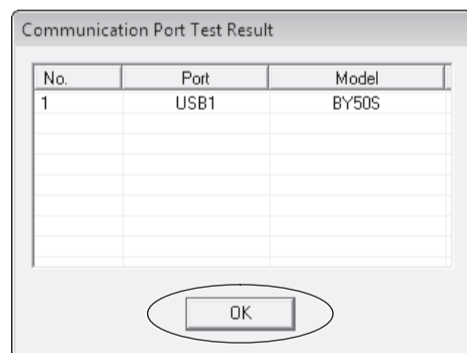
21 Set whether you use the SSL encrypted communication. If you use the SSL encrypted communication with Apache Web server. Click [Yes]. Otherwise click [No]. Select [No] in this example procedure.



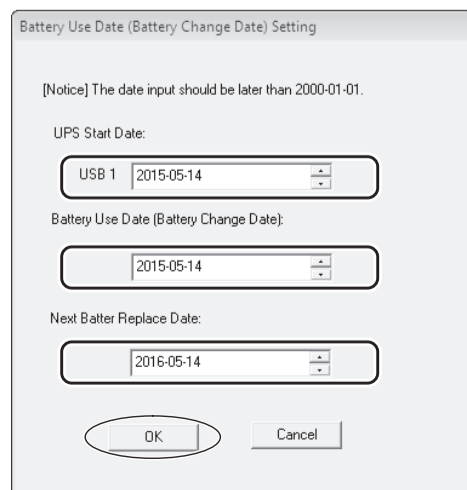
22 Choose how to set the communication port. After a list is displayed when you click the down arrow on the right-hand side of the communication port field, click to select the "Auto" or "Manual", then click [OK]. Select "Auto" in this example procedure.



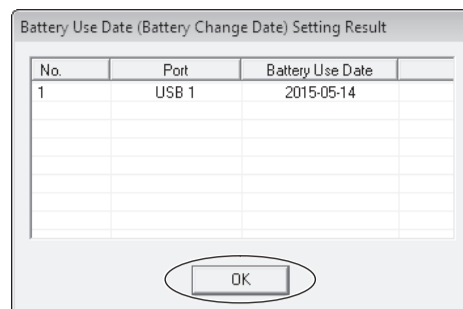
23 The UPS connected to the computer is searched automatically. After a communication test executed, the communication port test results appear. After you check the results, click [OK].



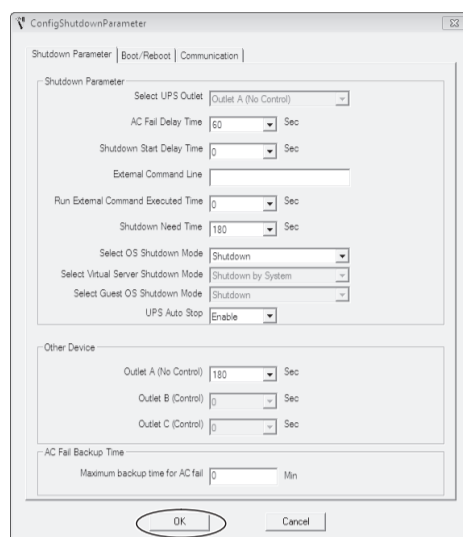
24 Enter "UPS Start Date", "Battery Use Date (Battery Change Date)", and "Next Battery Replace Date" then click [OK].



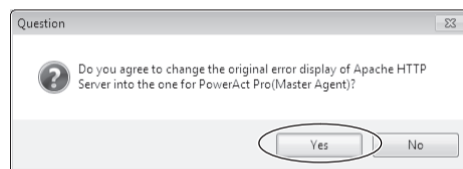
25 Confirmation screen of the battery use start date is displayed. After you check the content then click [OK].



26 Set the basic shutdown parameters of Master Agent then click [OK]. You can view and change settings even after installation. For more information about each setting item, refer to the online help of PowerAct Pro.



27 Only when you selected "Use Apache Web server", a confirmation to adapt the error messages of Apache to PowerAct Pro appears. Click [Yes] button.



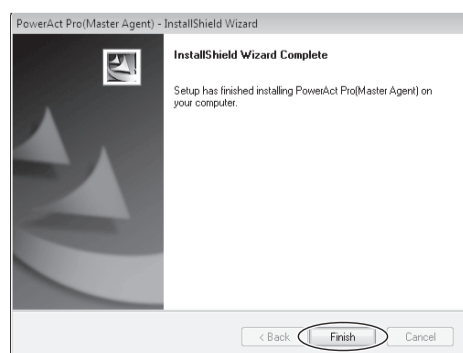
28 In order to set the administrator password, the following screen appears. Follow the on screen instructions to set. Specify up to 15 characters single-byte alphanumeric characters (A~Z, a~z, 0~9). Note that the password is case-sensitive.



29 Re-enter the password for confirmation, then click [OK].



30 Remove the CD-ROM and click [Finish] button. Master Agent of PowerAct Pro runs automatically and the screen returns to the Windows desktop.



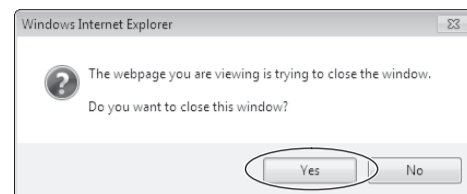
Now the installation of Master Agent of PowerAct Pro is completed.

31 Display of PowerAct Pro monitor screen

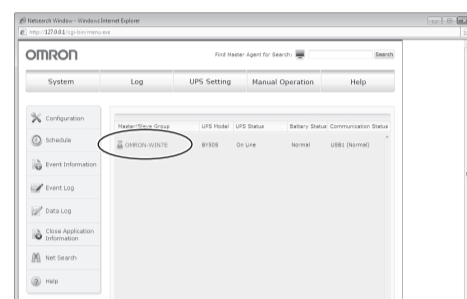
When you install the PowerAct Pro, the following icon is created on the Windows desktop. If you double-click on this icon, PowerAct Pro monitor screen appears.



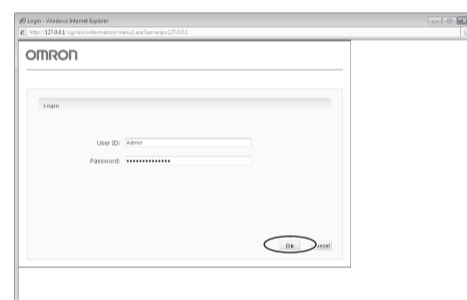
32 When the following screen appears, click [Yes].



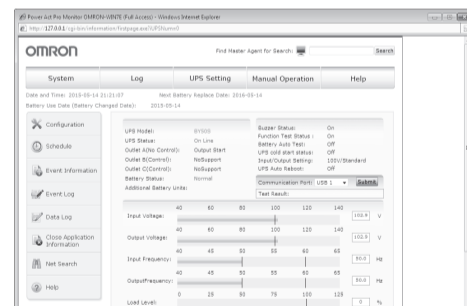
33 PowerAct Pro monitor screen appears. In this screen, a list of PowerAct Pro agents on the network is displayed. By clicking on the name of Master Agent, you can log in to the Master Agent.



34 In the "Login" screen, enter the login ID (Admin) and password you set during the installation of Master Agent of PowerAct Pro and click [OK] button.



35 PowerAct Pro monitor's main screen appears. For information about using the PowerAct Pro monitor, refer to the online help of PowerAct Pro.



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