

## Quick Start & Installation:

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To start in 5 minutes, please perform the following steps:

### Step 1 (Installation)

On a Windows 2000/XP/2003/Vista/2008/7 machine, run the “Intelligent Power® Manager” package under an administrator account.



A Web browser is automatically displayed (enter **admin** as Login / **admin** as Password and click on the **Login** button)



## Step 2 (Configuration)

When started, the application automatically performs a **Quick scan**.

- *Using the Quick scan operation, you will discover through broadcast within a few seconds: Network Management Cards Network-MS (ex 66102 / 103006826) and Modbus-MS (ex 66103), PXGX2000, PXGX-UPS, ConnectUPS BD, ConnectUPS X, ConnectUPS MS, Intelligent Power Protector, Network Shutdown Module V3, new Eaton ePDU, new HP UPS Card, new Dell UPS Card, new IBM UPS Card.*

The discovered nodes are displayed in **Settings → Auto Discovery**

Some nodes might not be discovered by quick scan if they do not support that function or if they are not in the same subnet as IPM. To discover such nodes, please perform the discovery based on IP address ranges (**Range scan**)

- *Using the Range Scan operation you will discover the nodes that are outside of the Network segment and nodes that are not compatible with the "Quick scan" feature. Refer to the [Compatibility list](#) to determine if your node supports "Quick scan" feature.*

Type	Status	Name	Description	Location	Contact
Windows	OK	166.99.224.111	Windows		
Pulsar MX Frame 16L	OK	166.99.224.129	Pulsar MX Frame 16L TEST qualif elec 4	Computer Room	Computer Room Man
Rack 2700	Warning	166.99.224.136	Rack 2700	Computer Room	Computer Room Man
Evolution 650	Warning	166.99.224.166	Evolution 650	Computer Room	Computer Room Man
Evolution 650	OK	166.99.224.168	Evolution 650	Computer Room	Computer Room Man
Evolution 650	Warning	166.99.224.171	Evolution 650	Computer Room	Computer Room Man
Evolution 650	Warning	166.99.224.177	Evolution 650	Computer Room	Computer Room Man
Evolution 650	Warning	166.99.224.82	Evolution 650	Computer Room	Computer Room Man
PW9130 700	OK	166.99.224.97	PW9130 700	Computer Room	Computer Room Man
NSM Linux	Warning	APP #0001	NSM Linux	Floor 2	Arnaud
NSM Linux	OK	APP #0002	NSM Linux	Floor 2	Séb
NSM Linux	Warning	APP #0003	NSM Linux	Floor 3	Luc
NSM Linux	Warning	APP #0004	NSM Linux	Floor 2	Arnaud
NSM Linux	Warning	APP #0005	NSM Linux	Floor 1	Séb
Aphel PDU	OK	PDU APHEL1 #0001	Aphel PDU212345 Ge	http://www.apheltec	info@aphel.com
Aphel PDU	OK	PDU APHEL1 #0002	Aphel PDU212345 Ge	http://www.apheltec	info@aphel.com

(Optional) In **Settings → System → Module Settings**, activate the shutdown module, then in the **Settings → Shutdown** page; assign the IP address of the UPS that powers the local Computer.

In the **Settings → User List** page, assign the access rights through "login and password"

## Step 3 (Enter the License code)

IPM monitors up to 10 devices ("UPS Web Card", "ePDU" or "IPP Shutdown Controller") without a license key. If there are more devices to be monitored an appropriate license is needed. License can be upgraded also later without reinstallation.

(Only for the "Silver" or "Gold" pay versions) In the **Settings → System → Edit system Information**, enter the license product key that is printed on the commercial CDs booklet (Inside the CD case):

=> ref 66925 Intelligent Power<sup>®</sup> Manager Silver License (11 to 100 device nodes)

=> ref 66926 Intelligent Power<sup>®</sup> Manager Gold License (101 to Unlimited devices nodes)

The nodes that are not managed due to license limitation will appear with this icon .

### Step 4 (Operation)

The **Views → Node List** menu item allows you to supervise the current state of the compatible power devices & applications (select a line in the list and the panels are updated with selected device information)

The screenshot displays the Eaton Intelligent Power Manager interface. The main window is divided into several sections:

- Views:** A tree view on the left showing navigation options like Node List, Power Source, Events, Management, Settings, and Actions.
- Node List:** A central table listing various power devices. The selected row is UPS #0004.
- Selection view:** A detailed view on the right for the selected UPS #0004, showing its information, status, and a graph.

Type	Status	Name	Description	Location	Contact	Link
UPS	!	UPS #0001	Evolution 2200	Floor 1	Arnaud	
UPS	!	UPS #0002	Pulsar 1000 RT2U	Floor 2	Séb	
UPS	!	UPS #0003	Evolution 500	Floor 2	Luc	
UPS	!	UPS #0004	Evolution 500	Floor 1	Luc	
UPS	!	UPS #0005	Pulsar Extreme 3200C	Floor 2	Séb	
APP	!	APP #0001	NSM Linux	Floor 2	Arnaud	
APP	!	APP #0002	NSM Linux	Floor 2	Séb	
APP	!	APP #0003	NSM Linux	Floor 3	Luc	
APP	!	APP #0004	NSM Linux	Floor 2	Arnaud	
APP	!	APP #0005	NSM Linux	Floor 1	Séb	
PDU	✓	PDU APHEL1 #0001	Aphel PDU212345 Ge		http://www.apheltec info@aphel.com	
PDU	✓	PDU APHEL1 #0002	Aphel PDU212345 Ge		http://www.apheltec info@aphel.com	
PDU	✓	PDU APHEL2 #0001	DBQ10634/5 my_devi	Floor 3	Yoann	
PDU	✓	PDU APHEL2 #0002	DBQ10634/5 my_devi	Floor 1	Luc	
PDU	!	PDU PULIZZI1 #0001	Powerware ePDU			
PDU	✓	PDU PULIZZI1_TRI #01	Powerware ePDU			
PDU	✓	PDU PULIZZI2 #0001	Switched ePDU	Floor 2	Yoann	
PDU	✓	PDU PULIZZI2 #0002	Switched ePDU	Floor 1	Yoann	
PDU	✓	PDU MGE #0001	SwitchedPDU_81009f	Floor 3	Yoann	
PDU	✓	PDU MGE #0002	SwitchedPDU_81009f	Floor 2	Eric	
	!	166.99.224.166	Evolution 650	Computer Room	Computer Room M	
	✓	166.99.224.168	Evolution 650	Computer Room	Computer Room M	
	!	166.99.224.111	Windows			
	!	166.99.224.136	Rack 2700	Computer Room	Computer Room Mana	
	✓	166.99.224.97	PW9130 700	Computer Room	Computer Room Mana	

**Selection view for UPS #0004:**

- Information:** Description: Evolution 500, Location: Floor 1, Contact: Luc, Serial number: 0123456789, Link: [icon]
- Status:** Bypass: On automatic bypass, On manual bypass; Power Source: On utility; Battery state: Charging; Load level: 100%; Battery capacity: 65%; Battery run time: 138 h 53 min 20 s; Outlet #2: On; Outlet #3: On.
- Graph:** A line graph showing power metrics over time.
- Summary:** Date: 2009/01/16-15:27:52, Load level: 15%, Battery capacity: 47%, Battery run time: 50 s.
- Events:**

Status	Date	Message
✓	16/01/09-15:43:16	The system is powered
!	16/01/09-15:39:16	The system is powered
!	16/01/09-15:35:15	The UPS output is off
!	16/01/09-15:34:04	The system is powered
✓	16/01/09-15:26:03	The system is powered

Bottom status bar: OK: 26, Warning: 31, Critical: 350, Unknown: 10. Last event: 16/01/09-15:49:17 - UPS #0003 - The system is powered by the utility.

The **Views → Power Source** menu item allows you to supervise the current state of the UPS that powers the server running Intelligent Power<sup>®</sup> Manager. This menu is available when the user has enabled the shutdown module in System Settings.

The **Events → Event List** view allows you to view the device events.

The **Management** section allows you to “mass configure” and “mass upgrade” cards.

