

IPower Switch Classic 8 IPower Switch Classic 16

User Manual Benutzerhandbuch Manuel Utilisateur Manuale English Deutsch Français Italiano



lindy.com

Safety Instructions

! WARNING !

Please read the following safety information carefully and always keep this document with the product.

Failure to follow these precautions can result in serious injuries or death from electric shock, fire or damage to the product.

This device has a switching type power supply and can work with supply voltages in the range 100...240 VAC.

Touching the internal components or a damaged cable may cause electric shock, which may result in death.

To reduce risk of fire, electric shocks or damage:

- Do not open the product. There are no user serviceable parts inside.
- Only qualified servicing personnel may carry out any repairs or maintenance.
- Never use damaged cables.
- Do not expose the product to water or places of moisture.
- Do not use this product outdoors it is intended for indoor use only.
- Do not place the product near direct heat sources. Always place it in a well-ventilated place.
- Do not place heavy items on the product or the cables.
- Please ensure any cables are firmly secured and locked in place before inserting into a power socket

Introduction

Thank you for purchasing the IPower Switch Classic. This product has been designed to provide trouble free, reliable operation. It benefits from both a LINDY 2 year warranty and free lifetime technical support. To ensure correct use, please read this manual carefully and retain it for future reference.

This IPower Switch Classic 8/16 is a power management solution which connects to your existing network infrastructure to provide convenient remote control power management. System administrators can control the power to multiple servers, workstations, hubs, switches, router etc. allowing reboot and power-on and off functions, via a simple to use browser interface or via software.

Package Contents

- IPower Switch Classic 8/16
- Rack mount brackets and screws
- Lindy Quick Installation Guide

Features

- Remote management switch for up to 8/16 computers or other devices
- Built-in web server, supports real time monitoring for the current consumption of the power strip
- Power consumption charts for daily, monthly or a user-defined period.
- Build-in true RMS current meter
- Easy setup, the display shows the current IP address of the unit directly
- LED status indicator for each outlet
- Provides audio alarm when the power consumption exceeds the value for overload warning
- Monitor several IPower Switches Classic simultaneously via software
- Supports the SNMP protocol and provides an MIB for the unit
- Provides power protection by a circuit breaker
- Power on switching sequence adjustable
- Please note that SSL is not supported



English

<u>Engl</u>ish

Specification

- Connectors:
 - Input: IEC C20
 - Output: 8x IEC C13 (32657) / 14x IEC C13 & 2x IEC C19 (32658)
 - Network connection: RJ45 10 Mbps Ethernet Port
- Input voltage: 110-240V
- Switched power (per port): max. 2400W (10@240V)
- Switched power (total): max. 3120W (13@240V) or 3840W (16@240V) using optional "Commando" to IEC 320 C19 power cable
- Nominal Input Frequency: 47-63 Hz Full Range
- LED Indicators: 1 x yellow LED, 1 x red LED
- Current Meter: 3 digits
- Current Range: 0A~20A (True RMS)
- Current Amperage: 0A~20A: +/-2% (+/- 0.1A)
- Operating Temperature: -5–45°C (23°F–113°F)
- Storage Temperature: -25–65°C (-13°F–149°F)
- Relative Humidity: 0–95% (non-condensing)

Installation

Hardware Installation

- 1. Attach the mounting brackets to the unit, using the four retaining screws provided for each of the brackets.
- 2. Choose a mounting position for the brackets (several options).
- 3. Align the mounting holes of the brackets with the notched hole on the vertical rail and attach with the retaining screws.
- 4. Connect the input and output power cables.
- 5. Connect the Ethernet cable to the unit.
- 6. Switch on the IPower Switch Classic.

Please note: The IPower Switch will request an IP address if a DHCP server is present in your network. If there is no DHCP server present, the IP address will be set to 192.168.0.216.

Software Installation

To manage a group of outlets, we recommend downloading the software from the Lindy website. Single outlets might be controlled via the web interface.

- 1. Go to the included Software folder and open the "setup" file.
- 2. Follow the install wizard.
- 3. Once installed, the PDU software can be opened.
- 4. Default Login name is "admin" and default Login password is "1234".

Please note: For some systems, especially Windows 10, NET Framework 2.0 is required. This can be enabled within Windows 10 as it comes pre-installed.

- 1. Go to "Control Panel".
- 2. Click "Turn Windows Feature on or off".
- 3. Tick the box for .NET Framework (Includes .Net 2.0 and 3.0), click install automatically when prompted.
- 4. Restart PC when prompted.

Product Diagram



A Fuse provides circuit protection, when broken (outwards position), it must be pushed to restore functionality.



- 1. Ethernet: Network connection for the built-in web server
- 2. Audible Alarm:
 - a. Warning: 1 beep in 1 second
 - b. Overload: 3 beeps in 1 second

Note: The overload alarm will not stop until the current falls back to 0.5 Amps below the setting value for the overload warning.

- 3. Function Button:
 - a. Press and release this button to turn off the warning audible alarm. The overload alarm can't be stopped by pressing this button.
 - b. Pressing the button and releasing it after to beeps will show up the unit's IP address.
 - c. Pressing the button and releasing it after 4 beeps changes the IP address mode from fixed to DHCP and vice versa.
 - d. Pressing the button and releasing it after 6 beeps restarts the network interface.
- 4. Meter: Displays the current or the IP address of the unit.
- 5. LED Indicator:
 - a. Current: Lights to indicate that the power consumption is shown in the display.
 - b. IP address: Lights to indicate that the IP address is shown in the display.
- 6. Output LED: Indicates, whether a power output is switched on.

Operation

Web Control

Default login name is "snmp" and default login password is "1234".

Sign in	
http://192.16 Your connect	8.1.251 ion to this site is not private
Username	snmp
Password	
	Sign in Cancel

Information – PDU

Indicates the IPower Switch's total power consumption and shows the warning and overload value setting.

		A, Status: Normai					
Information	Information PDU						
PDU	PDU	0.0 A Normal					
<u>System</u>							
Control	Thresho	ld					
<u>Outlet</u>	Warning 12.0 A						
Configuration	Overload 16.0 A						
PDU							
Threshold							
<u>User</u>							
<u>Network</u>							
Mail							
SNMP							

Information – System

This tab provides all necessary information regarding system and SNMP.

		Y
Tot	al load: 0.0 A , Status	s: Normal
Information	Model No.	32657
PDU	Firmware Version	s4.82-091012-1cb08s
System	MAC Address	00:06:18:75:FE:39
Control	System Name	IPower
Outlet	System Contact	Admin
Configuration	Location	
PDU	Location	Office
Threshold		Apply
User		
Network		
Mail		
SNMP		

Control – Outlet

This tab provides an overview of the outlet status. Select the outlet by check box first and click the on or off button to control the IPower Switch power output.

CONNECTION PERFECTION Total load: 0.0 A , Status: Normal							
Information	Information PDU Status 🗌						
PDU	OutletA	ON					
<u>System</u>	OutletB	ON					
Control	OutletC	ON					
Outlet	OutletD	ON					
Configuration	OutletE	ON					
PDU	OutletF	ON					
Threshold	OutletG	ON					
User	OutletH	ON					
Network	ON	OFF	OFF/ON				
Mail							
SNMP							

Configuration – PDU

This tab is for controlling a single outlet or group outlets.

Information Name ON OFF PDI1 Delay(sec) Delay(sec)							
System	OutletA	1	1				
Control	OutletB	2	2				
Outlet	OutletC	3	3				
Configuration	OutletD	4	4				
PDU	OutletE	5	5				
Threshold	OutletF	6	6				
<u>User</u>	OutletG	7	7				
Network	OutletH	8	8				
Mail SNMP	Apply	Apply	Apply				

Configuration – Threshold

This tab is to configurate thresholds.

		DY						
Total load: 0.0 A , Status: Normal								
Information		Thresho	ld (Amp)					
PDU	Name PDU	Warning	Overload					
<u>System</u>	PDU	12	16					
Control		Ар	ply					
<u>Outlet</u>								
Configuration								
PDU								
Threshold								
<u>User</u>								
<u>Network</u>								
<u>Mail</u>								
<u>SNMP</u>								

Configuration – User

Change the ID and password. The default ID is "snmp" and the default password is "1234". The user name and the password may have a maximum of 8 alphanumeric characters.

Total load: 0.0 A , Status: Normal							
Information Original							
PDU	ID						
<u>System</u>	Decoword						
Control	Password						
<u>Outlet</u>	New						
Configuration	ID						
PDU	Password						
Threshold		Apply					
User		Арріу					
Network							
Mail							
<u>SNMP</u>							

Configuration – Network

This tab is for IP address configuration. The IPower switch will request an IP address if a DHCP server is present in your network. If there is no DHCP server present, the IP address will be set to 192.168.0.216.

Total load: 0.0 A , Status: Normal							
Information IP Address							
PDU	Host Name	IPOWER					
<u>System</u>	IP Address	192.168.7.18					
Control	Subnet Mask	255.255.255.0					
Outlet	Gateway	192.168.7.254					
Configuration		Enable DHCP					
PDU	DNS Server IP						
Threshold	Primary DNS IP	192.168.7.254					
<u>User</u>	Secondary DNS IP	8888					
Network	Coolidary Divo II	Apply					
Mail		Арріу					
SNMP							

Configuration – Mail

This tab is to configure messages to pre-defined accounts when different evens are occurring. The message in the email will show as below:

Subject:	AMz Outlet Status Changed.
10101010	

Indicates OutletA~H status order: 0 (power off) or 1 (power on).



Configuration – SNMP

This tab is to configure network management protocols.

Total	load: 0.0 A , Stat	tus: Normal					
Information Trap Notification							
PDU	Receiver IP	192.168.0.1					
<u>System</u>		Apply					
Control		Арру					
Outlet	Apply Community Read public						
Configuration	Community Read public						
PDU	Write	public					
Threshold		Apply					
<u>User</u>							
<u>Network</u>							
Mail							
SNMP							

Software

Please start the software always via Right Click \rightarrow "Run as administrator".

When using the software for the first time, the database type must be selected. The default database is set to Microsoft Access. If you want to use MySQL database, you may download it from http://www.mysql.org.

Database Setting	×
Database Type Microsoft Access MySQL Microsoft Access Settings	MySQL Settings Host : [127.0.0.1 Database :
File PathName : C:\Program Files (x86)\PDU\PDU.mdb Select File Default File	Usemame : [root Password :

PDU Login

The default user name is "admin" and the default password is "1234".

Software Interface

The software contains four sections:

- 1. Function Menu: PDU utility functions bar.
- 2. **PDU List:** List of all PDUs in the network. It is possible to define groups to manage a large amount of PDUs.
- 3. **PDU Information:** This area provides detailled information about the PDU.
- 4. Device Summary: Indicates the status of the monitored PDUs.

🖳 PDU								-		\times
Device Data Managem	ent	System	m Managen	nent He	lp			Eurotic	Manu	
All Devices	Group	o Info	Device Info	PDU Info	Data Lo	g Events	Report	Function	n Menu	
group	Gro	up Nam	e: All Dev	vices					Update	
PDU List										
		Icon	Name	IP		Group	Status	Updat	e Time	
	•	1		192.168.1	.251	group	Querying	N/A		
						PDU	nformation			
PDU Status Summary										
Device Summary										
S Critical: 0										
▲ Warning: 0										
Unreachable: 0										
V Normal: 1										
Service Status: Start										

Device

Add device

The system administrator can add a PDU manually if the IP address of the PDU has been setup before.

Ad	d Device				\times
	Device Group	s			
	group				
	Device IP:				
C	Community:				
	Trap IP:				
	Syslog IP:		 		
			OK	Cance	4

- Device Group: Select the PDUs which belong to a group.
- Community: Set the community, it must be the same as the PDU in order to communicate with it. Default setting is "private". Please note: This community is set for the authority of "WRITE". The "READ" community is set to public and cannot be changed.
- Trap IP: When event occurs, it can forward the event trap to certain users.
- Syslog IP: Forward the log to a certain Syslog server.

Edit device

The administrator can redefine the PDU information.

Device Edit Hostname:		×
Local Settings Device Groups: group	SNMP Settings Name: Location: Contact: Network Settings	Total Current Threshold Settings Warning Current: 10.0 Critical Current: 12.0 ENV Threshold Setting Temperature Lower Bound: 0
Community: public Trap Forward IP: Syslog Server IP:	IP Address: 192.168.1.251 Modify	Upper Bound: 100 Humidity Lower Bound: 0 Upper Bound: 100 OK Cancel

- Device Group: Change the group of a PDU.
- Community: Set the community, it must be the same as the PDU. Please note: This community is set for the authority of "WRITE".
- Trap Forward IP: Change the trap receiver IP.
- Syslog Server IP: Change the Syslog server IP.
- SNMP Settings: Modify the SNMP information for the PDU.
- Network Settings: Re-define the IP address of the PDU.
- Total Current Threshold Settings: This function is only available when there is more than one PDU available under this IP address. You can input the current threshold to prevent total PDU's power consumption from exceeding the facility capacity.
- ENV Threshold Setting: Define the temperature and humidity thresholds. When the values are
 exceeded, a message will be sent to the administrator.

Administrators can change the method of the PDU utility to get the IP.

Modify IP	×
Dynamic (DHCP) Static IP Settings Original IP: 192.168.1.251	OK Cancel
New IP: 192.168.1.251	
Netmask: 255.255.255.0 Gateway: 192.168.1.2	

Delete the selected IP address of the PDU.

Edit PDU Config

- PDU Name: User defines the PDU name.
- Voltage: User defines the voltage.
- Threshold: PDU Threshold.
- Outlet name: User defines the outlet name.

ostname:	IPower				
DU ID:	1	Edit	Outlet Name		
DU Nama:	PD11		Outlet	Outlet Name	^
DO Name.	FDO	 •	Outlet-A	OutletA	
oltage:	230		Outlet-B	OutletB	
			Outlet-C	OutletC	
Thresholds			Outlet-D	OutletD	
Warning	Current: 12		Outlet-E	OutletE	
			Outlet-F	OutletF	
Maximum	Current: 16		Outlet-G	OutletG	

Please note: The community names in the WebGui and the software must be the same.

Remove the selected PDU. Update the PDU information manually.

Add device group

Create a new group.

Add Group		×
Group Name:	1	
	ОК	Cancel

Edit Group Rename the group.

Edit Group Nan	ne	\times
Orignal:	group	
New:	ServerRoom	
	OK	Cancel

Remove device group: Delete an existing group. All PDUs listed under this group must be removed first.

Data Management

- Export kW*hr Account to CSV: Export power data with CSV format.
- Export Data Log to CSV: Export current data log with CSV format.
- Export Events to CSV: Export events data with CSV format.
- Remove kW*hr Account Records: Delete power consumption data.
- Remove Data Log Records: Delete current data log.
- Remove Event Records: Delete event log.

System Management

Scan Subnet

Search all IP addresses of PDUs that are connected under the same subnet.

- 1. Select the way to scan the PDU in the network: Scan network interface subnet or scan the specific subnet.
- 2. Press the "Scan" button to search for all PDU devices under this subnet.
- 3. Check the box of "Add" for those you want to add to PDU utility.
- 4. Select one of the groups in the "Device Group" to assign the category to the PDUs.
- 5. Select "OK" to finish the procedure.



General Settings

Mail

When the event occurs, the PDU utility will send an email message to the pre-defined account.

General Settings	×
Mail Finable Sender:	
Email Address(1):	
Email Address(2):	
SMTP server: Authentication (option	nal)
Account: Password:	
	OK Cancel

User List

The administrator can add, delete and manage all user privilege in this tab.

U	ser List		×
		Add User	Close
	User Name	Edit	Delete
	admin	Edit	

User can only change the password for the "admin" account.

Change Password	×
Usemame:	admin
Password:	
Password (again):	
	OK Cancel

Add/Edit user

User can be assigned to the authority of "Read" only or "Read/Write". The password authority for the user can be changed.

Read Read/
OK Cancel

Database Setting

In this tab the database settings can be modified.

Database Setting	Х
Database Type Microsoft Access MySQL Microsoft Access Settings File PathName : [C:\Program Files (x86)\PDU\PDU.mdb Select File Default File	MySQL Settings Host : [127.0.0.1 Database : Username : root Password :
	OK Cancel

Service Control

Please note: If the service cannot start, it could be that the SNMP port had been used by another program of Windows OS. Please close the program and then restart the PDU.



Group Information

- Icon: Indicate the PDU status by different icons.
- Name: Name of the PDU.
- IP: IP address of the PDU.
- Status: Indicates the communication status with PDU utility.
 - Normal: The PDU utility communicates with the PDU normally.
 - Querying: The PDU utility is requesting data from the PDU.
 - Communication Lost: The PDU utility cannot get data from the PDU.
 - Warning: The power consumption of the PDU exceeds the threshold of warning.
 - Overload: The power consumption of the PDU exceeds the threshold of overload.
- Update Time: Indicates when the PDU information has been updated the last time.

🛃 PDL	I.									_		×
Device	Data Manag	ement	System	n Managen	nent He	lp						
	VI Devices 192.168.1.251	Group	Info (Device Info	PDU Info	Data Log	Eve	ents	Report			
	192.168.1.251	Grou	p Name	e: group							Upda	te
			lcon	Name	IP			Sta	tus	Update	Time	
		•	~		192.1	68.1.251		Que	rying	N/A		
Device	Summary											
😣 Crit	ical: 0											
🛆 Wa	aming: 0											
Un	reachable: 0											
 No 	mal: 1											
Service	Status: Start											

Device Summary

- Critical: Indicates that output power of the PDU exceeds the setting of overload.
- Warning: Indicates that output power of the PDU exceeds the setting of warning.
- O Unreachable: Indicates that the PDU utility cannot reach the PDU.
- Normal: Indicates that the PDU is working normally.

Service Status: PDU utility status. When indicated "Stopped", please go to System Management \rightarrow Service Control to "Start" the service.

Device Information

Network and General Information

Indicates the network and system information and the information from the total PDU device and attached devices.

🛃 PDU				_		×
Device Data Management	System Manager	nent Help				
✓ All Devices Gro	oup Info Device Info	PDU Info Data Log	g Events Report			
G ✓ 152.166.1.251	Network Information		General Information			
J192.168.1.251	IP Address: 1	92.168.1.251	Firmware Version:	N/A		
	MAC Address: 0	0:06:18:75:C0:34	Temperature:	N/A		
	System Name: N	I/A	Humidity:	N/A		
	System Contact: N	I/A	Total Current:	0.00		
	System Location: N	I/A	Device Warning:	10.00		
	Trap Forward IP: N	I/A	Device Critical:	12.00		
	Syslog Forward IP: N	I/A				
					Up	odate
	Icon ID Nam	e 🔺 Status	Current Time		Warning Current	Overload Current
Device Summary						
Critical: 0						
vvaming: 0 Unreachable: 0						
✓ Normal: 1						
Service Status: Start						

Indicates all relevant information for the connected PDU.

- Icon: Indicates the PDU status by different icons.
- ID: Identification of the PDU.
- Name: Name of the PDU.
- Status: Indicates the communication status with PDU utility:
 - Normal: The PDU utility communicates with the PDU normally.
 - Querying: The PDU utility is requesting data from the PDU.
 - Communication Lost: The PDU utility cannot get data from the PDU.
 - Warning: The power consumption of the PDU exceeds the threshold of warning.
 - Overload: The power consumption of the PDU exceeds the threshold of overload.
 - Current: The PDU power consumption.
- Time: The current time:

- Warning current: Display the setting of the PDU for warning threshold.
- Overload current: Display the setting of the PDU for overload threshold.

PDU Information

PDU System Information provides the PDU information and status.

PDU Power Information – if the PDU supports outlet control, you can click on the hyperlink and enter to the PDU web page to control the outlet.

The Power Consumption Chart provides the chart for the PDU power consumption record. The administrator can check the record daily, monthly or after a custom-defined time period.

🖳 PDU	— 🗆 X
Device Data Manager	nent System Management Help
All Devices	Group Info Device Info PDU Info Data Log Events Report
	PDU System Information PDU Power Information
192.168.1.251	PDU Name: N/A Current: N/A
	Model Name: N/A Voltage: N/A
	Model No.: N/A Warning Current: N/A
	Current Time: N/A Overload Current: N/A
	Status: N/A ON/OFF: N/A
	● Daily Date: 2020/08/13 ★ ○ Monthly Monthl: 2020/08 ★ ○ Custom From: 2020/08/13 14:15 ★ To: 2020/08/13 15:15 ★
	Power Consumption Chart
Device Summary	
S Critical: 0	
△ Warning: 0	
O Unreachable: 0	Date Time
	Dute Time
✓ Normal: 1	

Data Log

This tab provides PDU current data and power record.

🖳 PDU				>
Device Data Mana	gement System Management Help			
All Devices	Group Info Device Info PDU Info Data Log Events Report			
group	Hostname: 192.168.1.251 Log Type Current Cog Time Monthly Month: 2020/08 Custom From: 2020/08/13 To: 2020/08/13	ge Current: ge Temperatu ge Humidity:	N/A Jre: N/A N/A	
	<< < 1/1 > >>		Update	•
	Date PDU Current T	emperature	Humidity	
Device Summary				
S Critical: 0				
🛆 Warning: 0				
O Unreachable: 0				
Normal: 1				
Caprica Status: Stat				

Events

This tab provides events log.

🖳 PDU			—	
Device Data Managen	nent System Mana	gement Help		
All Devices	Group Info Device I	Info PDU Info Data Log	Events Report	
group 192.168.1.251	Hostname: 192.1 Monthly Month Custom From	168.1.251 h: 2020/08 ♀ n: 2020/08/13 ♀	To: 2020/08/13	
	Events Summary Critical: N. Warning: N.	I/A U	Inreachable: N/A	
				Update
		IP Date	PDU Event	Curre
	Hostname	IF Date		
	Hostname	ir Date		
Device Summary	Hostnäme	ir Date		, <u> </u>
Device Summary Critical: 0	Hostnäme	ir Date		
Device Summary	Hostnäme	ir Date		
Device Summary Critical: 0 Warning: 0 Uhreachable: 0	Hostnäme	ir Date		
Device Summary Source Critical: 0 Maming: 0 Warning: 0 Warning: 0 Interachable: 0 ✓ Normal: 1 Source District Output	Hostnäme	ir Date		

Report This tab provides data analysis.

- 1. Accumulated Power
- Average Current
 Average Temperature
 Average Humidity

💀 PDU						
Device Data Manager	nent System Management Help					
All Devices	Group Info Device Info PDU Info Data Log Events Report					
group	Group Name: group					
	Monthly Month: 2020/08					
	◯ Custom From: 2020/08/13 🔃 To: 2020/08/13 🖨					
	Report Type					
	Highest Accumulated Power Cowest Accumulated Power					
	O Highest Average Current O Lowest Average Current					
	◯ Highest Average Temperature ◯ Lowest Average Temperature					
	O Highest Average Humidity O Lowest Average Humidity					
	Max Report Count: 3 ~					
		Update				
	Statistic Report Chart					
	b					
Device Summary	a 1.0 +					
Oritical: 0	₽ 0.5 [↓]					
▲ Warning: 0						
O Unreachable: 0	Device					
Normal: 1	4					
Service Status: Start						

CE/FCC Statement

CE Certification

LINDY declares that this equipment complies with relevant European CE requirements.

CE Konformitätserklärung

LINDY erklärt, dass dieses Equipment den europäischen CE-Anforderungen entspricht

UKCA Certification

LINDY declares that this equipment complies with relevant UKCA requirements.

FCC Certification

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

You are cautioned that changes or modification not expressly approved by the party responsible for compliance could void your authority to operate the equipment.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

- 1. This device may not cause harmful interference, and
- 2. This device must accept any interference received, including interference that may cause undesired operation.

LINDY Herstellergarantie – Hinweis für Kunden in Deutschland

LINDY gewährt für dieses Produkt über die gesetzliche Regelung in Deutschland hinaus eine zweijährige Herstellergarantie ab Kaufdatum. Die detaillierten Bedingungen dieser Garantie finden Sie auf der LINDY Website aufgelistet bei den AGBs.

Hersteller / Manufacturer (EU):.

LINDY-Elektronik GmbH Markircher Str. 20 68229 Mannheim Germany Email: info@lindy.com , T: +49 (0)621 470050

Manufacturer (UK):

LINDY Electronics Ltd Sadler Forster Way Stockton-on-Tees, TS17 9JY England sales@lindy.co.uk , T: +44 (0)1642 754000



WEEE (Waste of Electrical and Electronic Equipment), **Recycling of Electronic Products**

Europe, United Kingdom

In 2006 the European Union introduced regulations (WEEE) for the collection and recycling of all waste electrical and electronic equipment. It is no longer allowable to simply throw away electrical and electronic equipment. Instead, these products must enter the recycling process.

Each individual EU member state, as well as the UK, has implemented the WEEE regulations into national law in slightly different ways. Please follow your national law when you want to dispose of any electrical or electronic products. More details can be obtained from your national WEEE recycling agency.

Germany / Deutschland

Rücknahme Elektroschrott und Batterie-Entsorgung

Die Europäische Union hat mit der WEEE Direktive Regelungen für die Verschrottung und das Recycling von Elektround Elektronikprodukten geschaffen. Diese wurden im Elektro- und Elektronikgerätegesetz - ElektroG in deutsches Recht umgesetzt. Das Entsorgen von Elektro- und Elektronikgeräten über die Hausmülltonne ist verboten! Diese Geräte müssen den Sammel- und Rückgabesystemen zugeführt werden! Dort werden sie kostenlos entgegen genommen. Die Kosten für den weiteren Recyclingprozess übernehmen die Gerätehersteller.

LINDY bietet deutschen Endverbrauchern ein kostenloses Rücknahmesystem an, beachten Sie bitte, dass Batterien und Akkus den Produkten vor der Rückgabe an das Rücknahmesystem entnommen werden müssen und über die Sammel- und Rückgabesysteme für Batterien separat entsorgt werden müssen. Ausführliche Informationen zu diesen Themen finden Sie stets aktuell auf der LINDY Webseite im Fußbereich.

France

En 2006, l'union Européenne a introduit la nouvelle réglementation (DEEE) pour le recyclage de tout équipement électrique et électronique.

Chaque Etat membre de l'Union Européenne a mis en application la nouvelle réglementation DEEE de manières légèrement différentes. Veuillez suivre le décret d'application correspondant à l'élimination des déchets électriques ou électroniques de votre pays.

Italy

Nel 2006 l'unione europea ha introdotto regolamentazioni (WEEE) per la raccolta e il riciclo di apparecchi elettrici ed elettronici. Non è più consentito semplicemente gettare queste apparecchiature, devono essere riciclate. Ogni stato membro dell' EU ha tramutato le direttive WEEE in leggi statali in varie misure. Fare riferimento alle leggi del proprio Stato quando si dispone di un apparecchio elettrico o elettronico.

Per ulteriori dettagli fare riferimento alla direttiva WEEE sul riciclaggio del proprio Stato.





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No. 32657/32658 5th Edition, September 2021 lindy.com