

# IUPS-401

400 VA

- **Integrated UPS**
- **Communication interface**
- **Reboot function**

Other than conventional uninterruptible power supplies the IUPS-401 was designed to be installed into a PC. Thus, UPS and PC become one compact space-saving unit. The IUPS-401 can easily be installed into a drive slot and its handling is exceptionally user-friendly. Via communication interface and UPS management software the computer will be shut down and switched off in case of mains power failure.



**Black front panel incl. in delivery**



Technical data	
Output power	400 VA / 240 W
Input voltage	230 VAC ±15 %
Input frequency	50 / 60 Hz ±5 %
Output voltage	230 VAC ±15 %
Output frequency	50 / 60 Hz ±1 %
Charging time	App. 8 h (90 % load)
UPS Classification / Wave form	VFD / rectangular
Protection	Overload protection UPS mode: 100...120 %, alarm / 120...190 %, switch off Overload protection mains mode: fuse Overtemperature protection: switch off
Transfer time	<6 ms
Back up time	100 W / 166 VA load app. 5 minutes 180 W / 300 VA load app. 2...3 minutes
Interface	See table „Model overview“
Safety / EMC	EN62040-1-1 / CE / EN62040-2
Temperature	Operating: 0...+40 °C / Storage: 0...+40 °C
Humidity	Operating: 10...85% RH, non-condensing / Storage: 10...90% RH, non-condensing
Dimensions (WxDxH)	146 x 253 x 42 mm ±0.5 mm
Weight (net)	2.75 kg

Product specific data	
Transfer limit in mains / UPS mode	190 VAC ±5 %
Transfer limit into UPS mode in case of overvoltage at the input	248 VAC ±5 %
Type of battery	2 x 6 V / 3 Ah, maintenance-free lead-gel batteries (VRLA)
Noise development	<35 dbA
Load sensor	Switch off threshold see table „Model overview“
UPS management software	see table „Model overview“
Reboot function	see table „Model overview“
Button	To switch off alarm sound: Press for app. 1 second To switch off UPS: Press for app. 4 seconds To switch on UPS (cold start, without mains supply): Press for app. 2 seconds

*The service life of the batteries is app. 4...5 years at +20 °C and will decrease by half with each temperature increase of 10 °C according to EUROBAT. During storage the UPS has to be charged at least every 6 months.*



Button

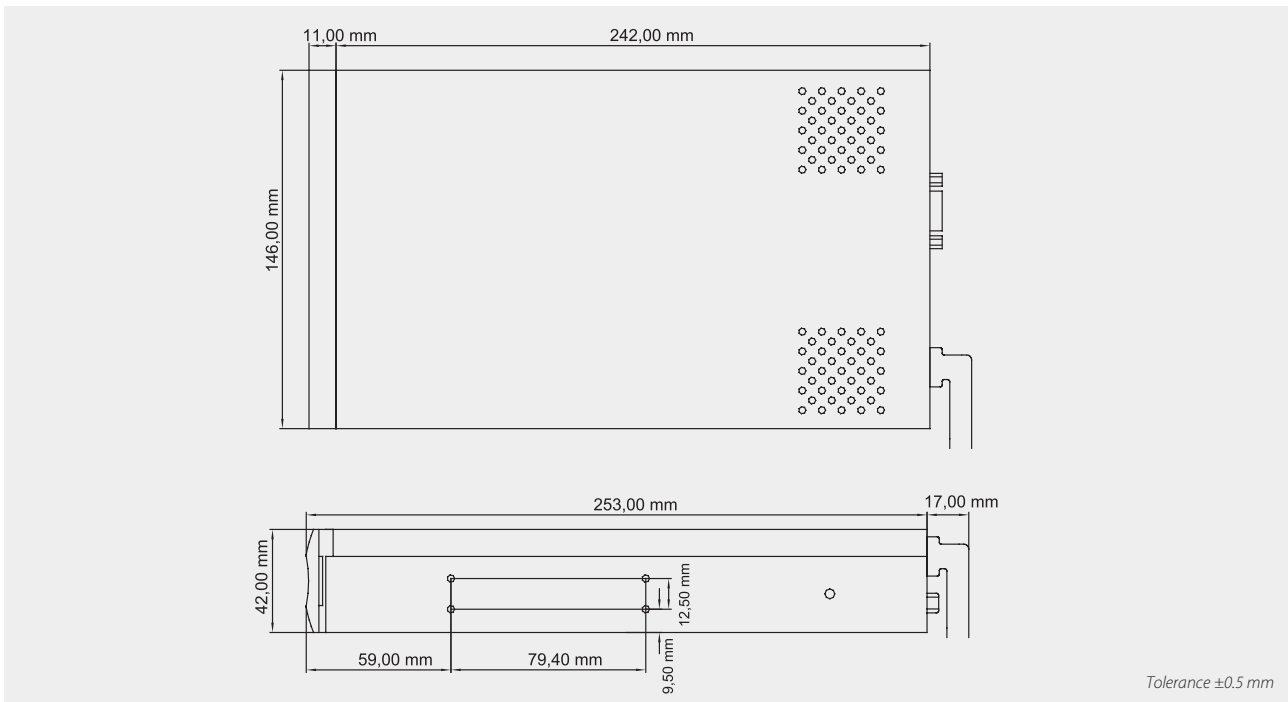
## Model overview

Article No.	Interface	Load sensor switch off	UPS management software	Reboot function
<b>IUPS-401</b>	USB	≤ 33 W	UPSilon 2000 and internal USB cable included in delivery (WIN 98, NT, 2000, 2003, XP, ME, Vista, 7, Novell NetWare®, LINUX, FreeBSD, others on request). External USB cable 2.0, A-/B-plug / 500 mm included in delivery.	If mains voltage returns after a power failure while Windows® is already shutting down, the UPS switches the PC off (after the shut-down period) and switches it on again after approximately 30 seconds (observe BIOS settings of mainboard).
<b>IUPS-401-B5</b>	USB	≤ 20 W		
<b>IUPS-401-BB</b>	USB	≤ 8 W		
<b>IUPS-401-BC</b>	USB	≤ 0 W		
<b>IUPS-401-B1</b>	SERIAL (D-SUB)	≤ 33 W	RUPS 2000 OEM, UPS management software included in delivery.	If mains voltage returns after a power failure while Windows® is already shutting down, the UPS switches the PC off (after the shut-down period) and switches it on again after approximately 5 seconds in conjunction with RUPS 2000 and an ACPI-PC (observe BIOS settings of mainboard).
<b>IUPS-401-B4</b>	SERIAL (D-SUB)	≤ 20 W		
<b>IUPS-401-BA</b>	SERIAL (D-SUB)	≤ 8 W		
<b>IUPS-401-B9</b>	SERIAL (D-SUB)	≤ 0 W		

## Status display and alarm

Status display	Alarm	Alarm sound detachable	LED
Normal UPS mode	–		green
Battery charge (mains mode)	–		green flashing
UPS battery mode	2 beep sounds every 3 seconds	yes	red flashing
UPS battery mode (Battery low)	4 beep sounds a second	no	red flashing (quickly)
Overload (Normal mode)	Continuous sound	no	red
Internal UPS failure	8 beep sounds per 2 sec., 2 sec. stillness	no	red flashing (quickly)
Overtemperature	8 beep sounds per 2 sec., 2 sec. stillness	yes	red flashing (quickly)
Battery defect	–		red flashing (quickly)

## Drawing IUPS-401



**Optional accessory** ▷▷▷ For detailed information please visit our website [www.bicker.de](http://www.bicker.de) and refer to the article number.

Article No.	Description
PSZ-1023	Y-cable for IUPS-401