IUPS-401
400 VA

- Integrated UPS
- Communication interface
- Reboot function

Other than conventional uninterruptable 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.
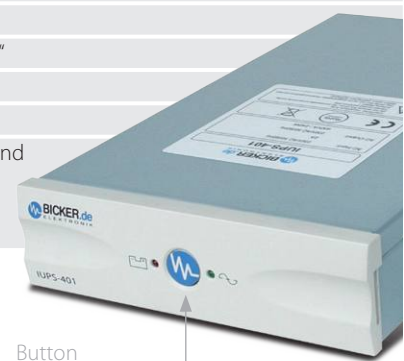
Black front panel
incl. in delivery

Technical data

Output power	400 VA / 240 W
Input voltage	230 V AC ±15 %
Input frequency	50 / 60 Hz ±5 %
Output voltage	230 V AC ±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 ℃ / Storage: 0…+40 ℃
Humidity	Operating: 10…85 % RH, non-condensing / Storage: 10…90 % RH, non-condensing
Dimensions (W x D x H)	146 x 253 x 42 mm ±0.5 mm
Weight (net)	2.75 kg

Product specific data

Transfer limit in mains / UPS mode	190 V AC ±5 %
Transfer limit into UPS mode in case of overvoltage at the input	248 V AC ±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 ℃ and will decrease by half with each temperature increase of 10 ℃ according to EUROBAT. During storage the UPS has to be charged at least every 6 months.
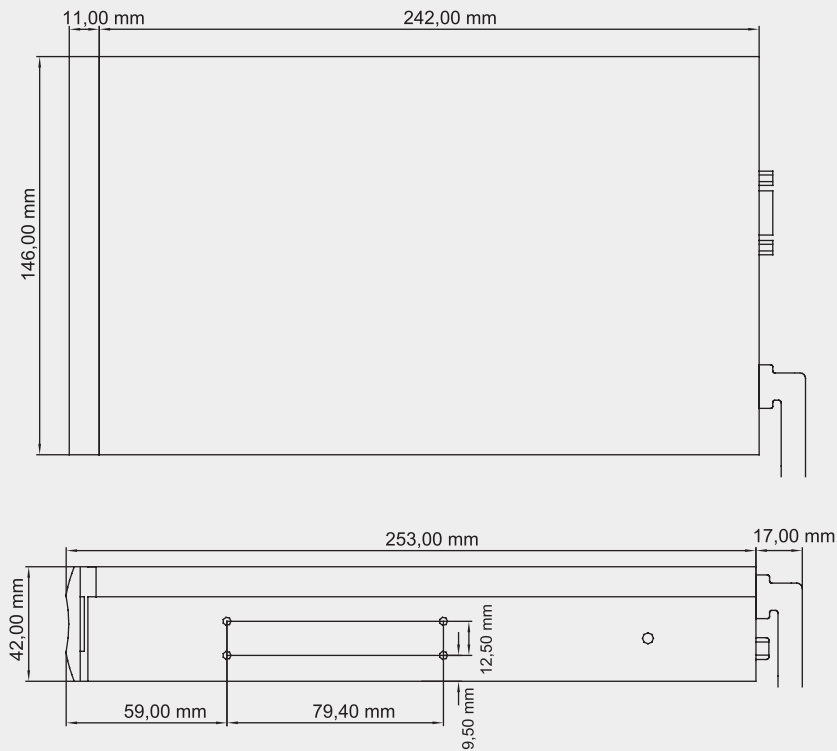
Button

AC UPS

Model overview

Article No.	Interface	Load sensor switch off	UPS management software	Reboot function
IUPS-401	USB	≤33 W*	UPSilon 2000 and internal USB cable included in delivery (Windows® 10, 11, Windows® Server 2019, 2022). 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 shutdown period) and switches it on again after app. 30 sec…5 minutes depending on the battery capacity (the higher the capacity, the shorter the restart time). This latency is required to ensure sufficient energy for a secure shutdown in case of a new power failure. Please observe BIOS settings of mainboard.
IUPS-401-B5	USB	≤20 W*		
IUPS-401-BB	USB	≤8 W*		
IUPS-401-BC	USB	≤0 W*		
IUPS-401-B1	SERIAL (D-SUB)	≤ 33 W*	RUPS 2000 OEM, UPS management software (Windows® 10, 11, Windows® Server 2019, 2022) and red-coloured 9-pole interface cable 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 shutdown period) and switches it on again after approximately 5 seconds in conjunction with RUPS 2000 and an ACPI-PC. Please observe BIOS settings of mainboard.
IUPS-401-B4	SERIAL (D-SUB)	≤20 W*		
IUPS-401-BA	SERIAL (D-SUB)	≤8 W*		
IUPS-401-B9	SERIAL (D-SUB)	≤0 W*		

* Tolerance of switch-off threshold ≤3 %
For futher information please visit our website www.bicker.de and refer to the article number.

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)

AC UPS

Drawing IUPS-401

11,00 mm   242,00 mm

146,00 mm

253,00 mm   17,00 mm

42,00 mm

12,50 mm

59,00 mm   79,40 mm

9,50 mm

Tolerance ±0.5 mm

AC UPS