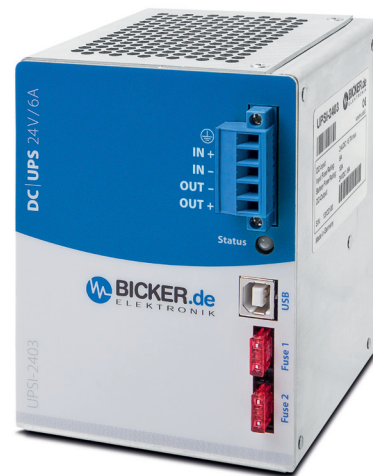


UPSI-2403

24 VDC / 6 A

- Continuous battery monitoring
- Battery capacitance display
- Battery lifetime display
- USB communication interface

The UPSI-2403 protects connected consumer loads from supply voltage fluctuations and interruptions. Made for DIN-Rail mounting the μ C controlled DC UPS has a continuous battery monitoring which ensures that sufficient capacitance remains in the battery to guarantee the supply of consumer loads in case of power failure. Additionally the UPSI-2403 offers a load sensor and a timer function.

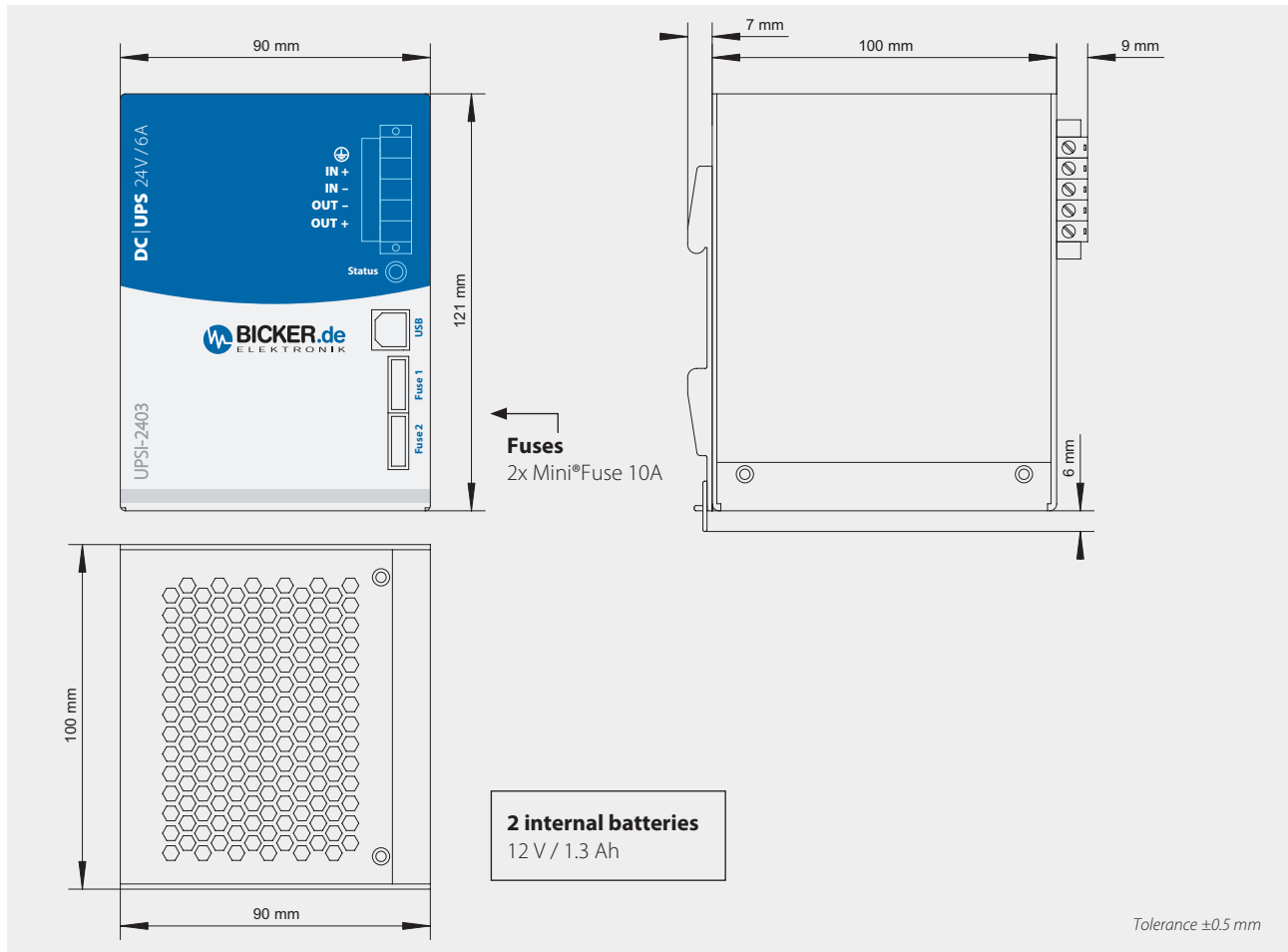


Technical data	
Input voltage	24 VDC (22.5...28 V)
Input current	6.7 A max.
Output voltage	In normal mode: app. 0.5 V below input voltage In battery mode: app. 29...19 VDC
Output current	6 A max.
Battery charge current	0.65 A max. (internal battery charger)
Charging method	UI characteristic, with temperature regulation
Protection	Deep discharge protection: 19 VDC \pm 2 % Overload protection at output: 9 A for 2 seconds, switch off Short-circuit protection: Switch off via μ C
Transfer time / limits	Mains / battery 20 VDC \pm 2 %, battery / mains 22 VDC \pm 2 %
Interface	USB (Standard B)
Type of battery	Equipped lead-gel-battery, maintenance-free, 1.3 Ah
Safety / EMC	CE
Temperature	Operating: 0...+40 °C / Storage: -10...+40 °C
Humidity	Operating: 10...85 % RH, non-condensing / Storage: 10...90 % RH, non-condensing
Dimensions (WxDxH)	90 x 100 x 121 \pm 0.5 mm
Weight (net)	2 kg

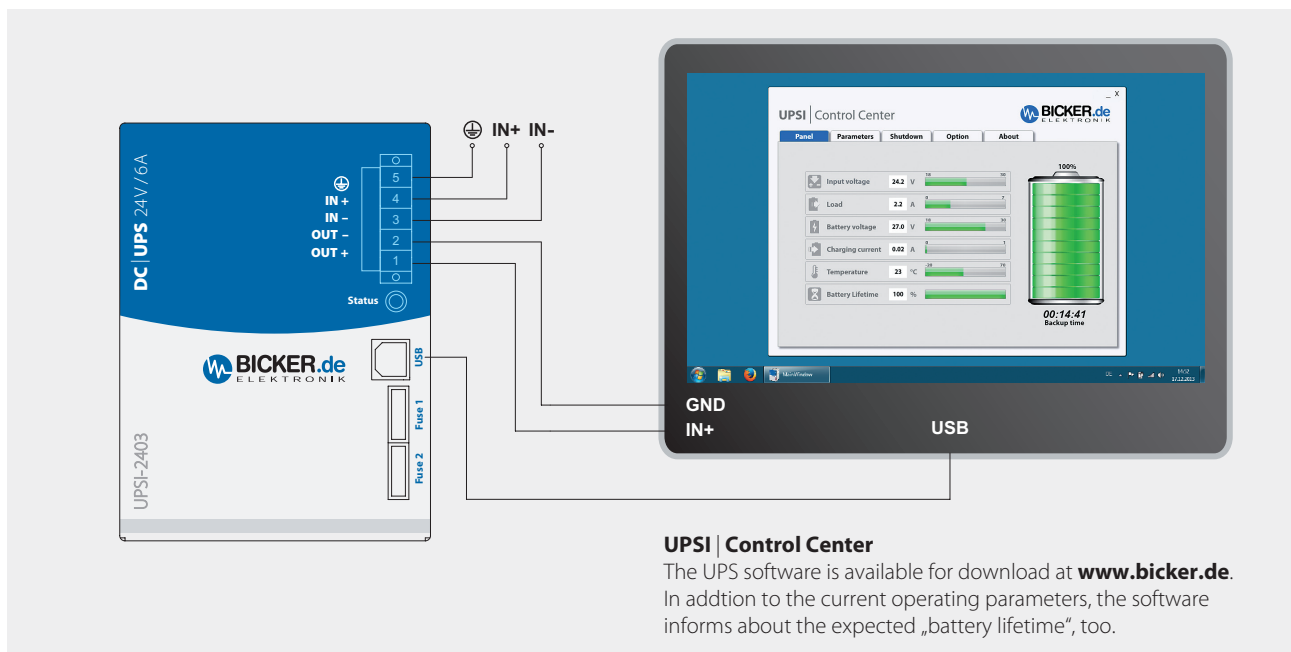
Product specific data	
LED display	3-colour-LED for „Power ok“ (green), „Power Fail“ (orange), „Battery low“ (red/orange flashing) and „Battery defect“ (red/green flashing), short circuit at output/overload (red)
Battery monitoring	Battery test is carried out in normal mode approx every 10 minutes, in case of „Battery defect“ notification the LED flashes red/green
Power consumption	App. 80 mA
Shutdown detection	Via UPS Software „UPSI Control Center“
Shutdown-suppression	During system start-up the shutdown signal is suppressed for app. 2 minutes.
Reboot function	If power fails and then returns during the shutdown mode of Windows®, the operating system will ‚lock‘ with the message „Your PC is now safe“. The reboot function restarts the system after about 10 seconds.
Load sensor	Adjustable via UPS software „UPSI Control Center“
Timer function	Adjustable via UPS software „UPSI Control Center“ in 2 minutes-step from 2...20 min.
Back up time	App. 33 min at 1 A / app. 9 min at 3 A / app. 3.5 min at 5 A (measured at +20 °C)
UPS software	„UPSI Control Center“ (Windows® XP or higher) to download at www.bicker.de

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.

Drawing UPSI-2403



Connection



DC UPS

Optional accessory ▷▷▷ For detailed information please visit our website www.bicker.de and refer to the article number.

Article No.	Description
CB-USB01	USB cable 2.0 / A/B connector / 500 mm