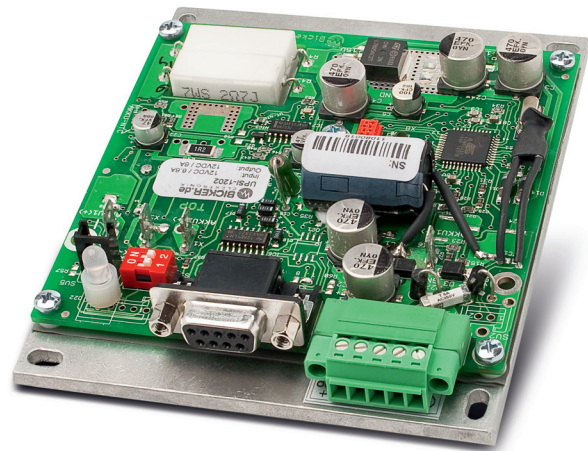


UPSI-1202

12 VDC / 6 A

- Continuous battery monitoring
- Timer function
- PC interface

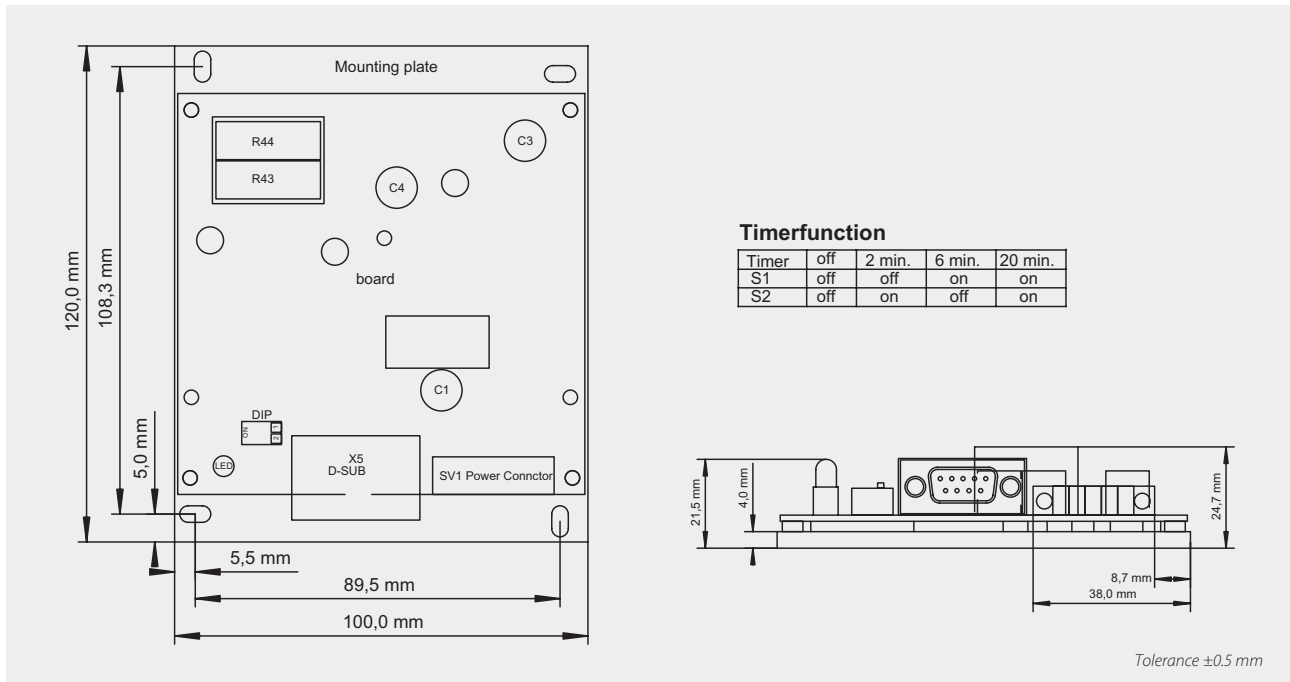
The newly designed DC UPS UPSI-1202 protects connected consumer loads from supply voltage fluctuations and interruptions. The μ C controlled DC UPS provides various protections. Among the most important is the continuous battery monitoring feature. This ensures that sufficient capacitance remains in the battery to guarantee the supply of consumer loads in case of power failure. New features of the UPSI-2401 are a load sensor and a timer function. The timer function was integrated and allows a timer-controlled switch-off of the UPS.



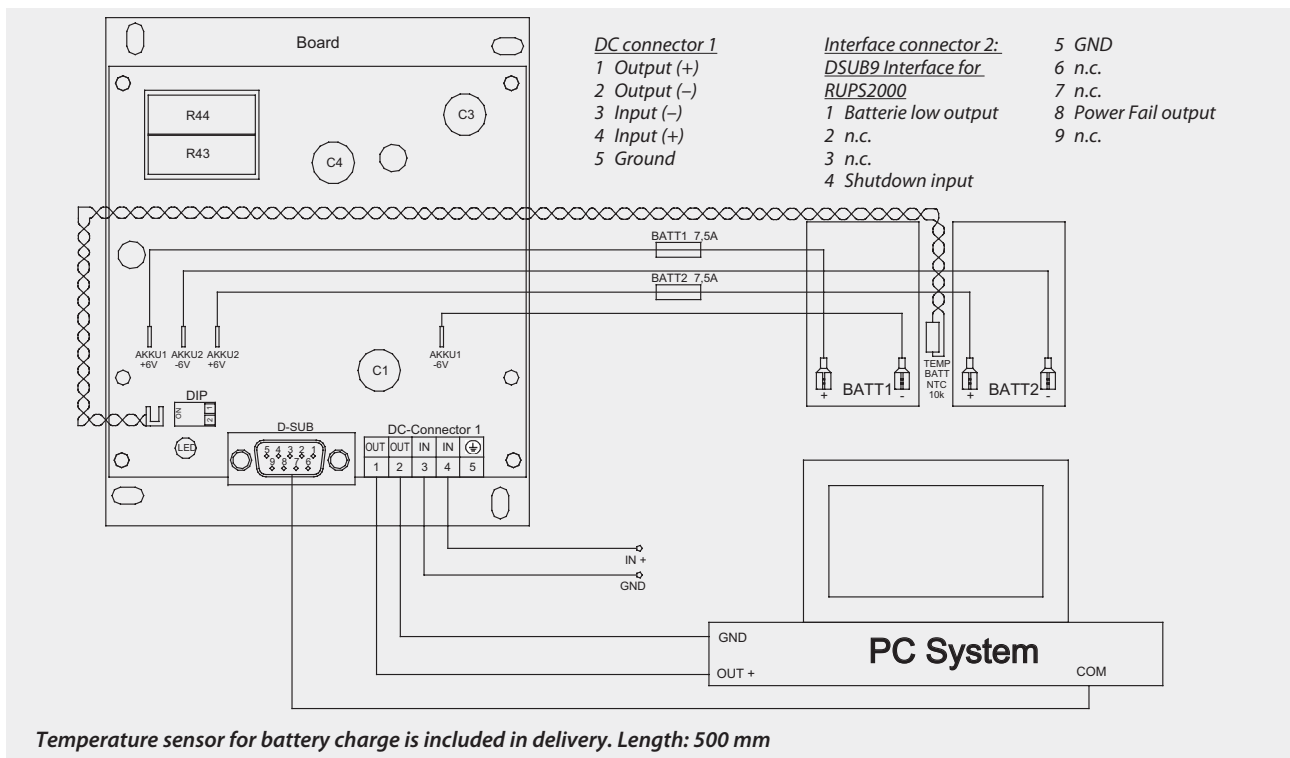
Technical data	
Input voltage	12 VDC (10.6...16 V)
Input current	6.6 A max.
Output voltage	In normal mode: app. 0.65 V max. below input voltage In battery mode: app. 15...10 VDC
Output current	6 A max.
Battery charge current	0.6 A max. (internal battery charger)
Charging method	UI characteristic, with temperature regulation
Protection	Deep discharge protection: 9.7 VDC \pm 2 % Overload protection at output: 7.7 A for 2 seconds, switch off Short circuit protection: Switch off
Transfer time / limits	Mains / Battery 9.7 VDC \pm 2 %, Battery / Mains 10.6 VDC \pm 2 % Battery ok / Battery low 10.8 VDC, Battery low / Battery ok 11.2 VDC
Interface	DSUB9 connector, female Outputs: Power Fail, Battery Low / Input: Shutdown Optionally also available with UPS software for connection to common operating systems
Type of battery	Lead-gel-battery, maintenance-free, 2x 6 V / 3.0 Ah (recommended)
Safety / EMC	CE
Operating temperature	-20...+60 °C
Storage temperature	-40...+80 °C
Storage humidity	0...95 % RH, non-condensing
Dimensions (WxDxH)	100 x 120 x 24,7 mm \pm 0.5 mm
Weight (net)	0.25 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 (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 (optional signaling contact)
Power consumption	App. 100 mA
Shutdown	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 5 seconds.
Load sensor	Switch off in UPS mode <10 Watt
Timer function	2 min – 6 min – 20 min – off, adjustable via DIP switch
Back up time	App. 60 min. at 1.7 A, app. 25 min. at 3 A, app. 8 min. at 6 A (measured at +20 °C)

Drawing UPSI-1202



Connection



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

Article No.	Description
LC-R063R4PG	Maintenance-free lead battery, 6 V / 3.4 Ah (2 pieces needed)
BP-0625	CYCLON battery pack, 6 V / 2.5 Ah, -30...+70 °C (2 pieces needed)
RUPS2000-B1	UPS Management Software (CD-ROM)
CB-RS-020	Interface cable, 2 m

Specification is subject to change without notice. Errors excepted. Windows® is a trademark of Microsoft Inc. Status as at: 21.02.2012