

Technical Data

Line-Interaktive UPS-systems *proLITE* 400-800 U

Line-Interactive UPS-system according to DIN EN 62040-3 (VI-SY-311) with trapeze shaped output voltage in battery operation, USB-interface, and shutdown-software for Windows NT/2000/XP/2003/Vista, Linux and Novell system software.

Especially suited for the protection of PCs and peripheral equipment, modems and DSL-Router.



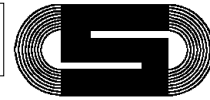
model	proLITE	400	400U*	600U	800U
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rating					
rating in VA		400 VA	400 VA	600 VA	800 VA
rating in W		240 W	240 W	360 W	480 W

input					
nominal voltage	230 VAC				
voltage range (without battery operation)	230V -25% / + 20% (172V – 276V)				
nominal frequency	50 or 60 Hz (automatic recognition)				
accepted frequency range	± 5 Hz				
nominal current at 230 VAC	2,4 A	2,4 A	3,6 A	4,8 A	

output	
nominal voltage	230 VAC
voltage at mains operation	230V (-14% / +9%) (198V – 251V)
frequency	50 or 60 Hz (automatic recognition)
voltage at battery operation	230V ± 5%
wave form	Trapeze-shaped
Switching time on battery operation	typical 6-8 ms
AVR stabilisation	The AVR increases automatically the input voltage about 17%, when the input voltage drops to -10% to -26% of the nominal voltage. In case of overvoltage the AVR diminishes the output voltage automatically about 15%, if the input voltage is about +9% to +20% higher than the nominal value.
Power factor at the output	0,6
Overload in nominal operation	Eingangssicherung 5A träge
Possibility of overload in battery operation	100 – 110% for 30 seconds 110 – 130 % for 5 seconds > 130% immediate shut-down

Back-up time					
100 % load	4	2	3	2	
70 % load	8	4	5	4	
50 % load	12	8	9	8	



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Model	proLITE	400	400U	600U	800U
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battery					
nominal voltage	12 V				
Number of blocks	1				
Nominal capacity per block	7 Ah	4,5 Ah	7 Ah	9 Ah	
Type	Closed and maintenance-free				
Life duration	3 – 6 years (depending on environmental conditions)				
Recharging time	approx. 6 to 8 hours				

display	
LED mains present	green
LED battery damaged	red
LED battery operation (mains error)	yellow

Operation elements	
switch	on / off

interfaces	
USB-interface	- X

connections	
Mains connection	1 x IEC connection
load	3 x IEC 320 connection

protection	
Protection systems	overcurrent – short-circuit – overvoltage – undervoltage heat – deep discharge protection of the batteries
Surge voltage stability	IEC 801-5 6 KV 1.2 / 50 µsec ; 3 KA 8 / 20 µsec differentiell
Input fusing	5 A slow acting

Norms	
Safety regulations	EN 62040-1-1 und EEC regulation 73 / 23; 93/68 EEC
EMV	EN 62040-2 cl. B and EEC regulation 89/336EEC;92/31EEC,93/68EEC
Operation requirements	EN 62040 – 3 VI-SY-311

Environmental conditions	
environmental temperature	0 ÷ 40 °C
humidity	<90% (not condensating)
Noise level	< 40 dB at 1 m

housing	
material	plastics
colour	Anthrazit Grey RAL 7016
Protective class	IP 20

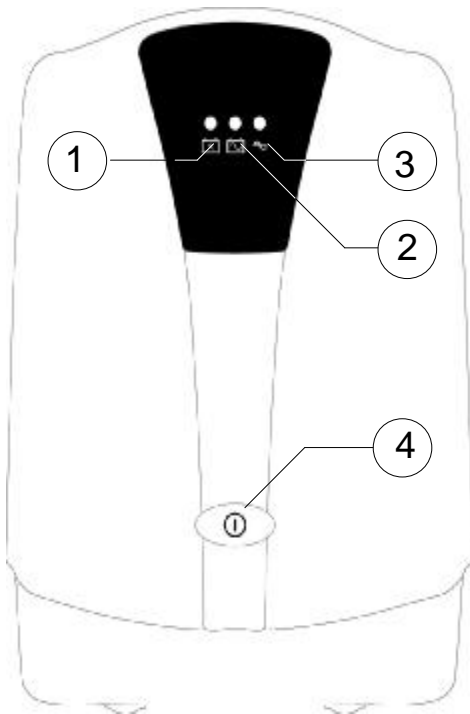


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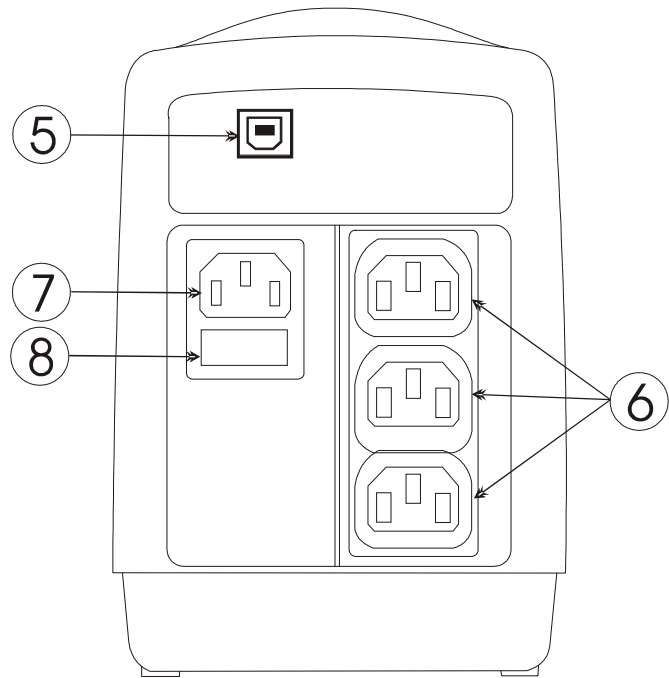
model	proLITE	400	400U	600U	800U
dimensions					
dimensions (H x B x T)	152 x 110 x 325 mm				
weight					
weight	6 kg	6 kg	7 kg	7 kg	7 kg

View Win Dialog Plus 400 to 800 VA



Front side:

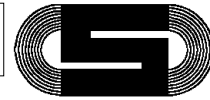
- 1: LED „Battery damaged“ (red)
- 2: LED „Battery operation“ (yellow)
- 3: LED „nominal operation“ (green)
- 4: switch on-off“



Rear side:

- 5: USB interface
- 6: IEC 320 3x connection for load
- 7: IEC 320 connection for mains
- 8: mains input fusing

J. Schneider Elektrotechnik GmbH



Postfach 2327, 77613 Offenburg * Helmholtzstr. 13, 77652 Offenburg

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Stand: 06/2009 Technische Änderungen vorbehalten

Adresse:
Helmholtzstrasse 13
D-77652 Offenburg

Postfach 2327
D-77613 Offenburg

Tel. +49 / (0)781 / 206 - 0
Fax +49 / (0)781 / 25318
www.j-schneider.de
info@j-schneider.de

Geschäftsführer:
Bettina Schneider, Dipl. Betriebswirt (BA)
Rolf Anti, Dipl.-Wirt.-Ing. (FH)
Amtsgericht Offenburg HRB 758



Reg.-Nr. 2750