



Identification	Type	CNUPS24
	Part-No.	723110
Description	Uninterrupted DC system voltage DC UPS for lead batteries Input: DC 24 V, Output: max. DC 10 A	

25.08.2017 – Subject to technical modification

Part-No. 723110

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Technical data sheet · DC UPS Battery Management System

Input

Input voltage	DC 26–28.5 V
Input current	DC 3 – 20 mA
Status display input	LED green: PS Ok, LED red: Reverse polarity LED green: Battery OK, LED red: Battery low
Parameterisation	Button/LCD display Software Powermaster (free Download Lütze web page)
Protection device	none

Energy storage

Memory type	chemical (lead based, Ni-MH / Ni-Cd, Li-ION / LiFePo ₄)
Nominal battery voltage	DC 24 V
max. charging current	DC 2 A or DC 4 A
max. battery capacity	75 % @ 26 V, 85 % @ 27 V, 100 % @ 28 V
Max. output current	10 A
Backup time	depends on battery and charging current
Fuse for memory medium	Vehicle fuse 15 A / 42 V
Deep discharge protection	18.5 V ± 0.5 V

Output

Rated voltage U_N	DC 24.00 V
Output voltage	DC 20 - 28 V
Rated current I_N	20.00 A
Max. output current	DC 10 A

Status indication

Status display output	LED yellow: Load OK
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Monitoring

Number of channels	1
Monitored functions	Battery mode
Switching voltage	DC 24 V
Switching current	DC 1 A
Contact type	Change over contact

General

Insulation voltage input / ground	0.5 kV, 1 min.
Operation temperature range	-20 °C ... +50 °C
Storage temperature range	-20 °C ... +85 °C
Relative air humidity	95 % not condensing
Cooling	free convection

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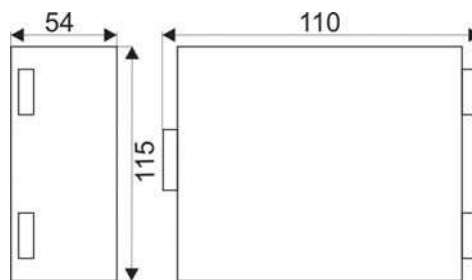
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Housing material	Aluminum
Mounting	DIN rail mountable TS35 (EN 60715)
Installation position	vertical, with 20 mm distance to other devices
Protection class	IP20 (EN 60529)
Over voltage category	II
Degree of pollution	2 (IEC 664-1)
Weight	0.300 kg/piece
Connection device	Connector with screws: 2.5 mm ² (AWG 24–12)
Dimensions (w × h × d)	63.0 × 117.0 × 110.0 mm
Approvals	cULus (E249179)
Standards	CE EN 60950-1 EN 61000-6-2/4
PU	1 piece

Comments	Suitable for power supply with settable output voltage Load mode with simultaneous charging Integrated battery fuse Deep discharging protection
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Dimensions



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