



Identification

Type
Part-No.

CBU150U
723120

Description

Uninterrupted DC system voltage
Capacitive energy store
Input: wide-range input DC 12 V - DC 85 V, output: max. DC 20 A

25.08.2017 – Subject to technical modification

Part-No. 723120

USA: LUTZE INC.

13330 South Ridge Drive • Charlotte, NC 28273, USA
Tel. +1 (704) 504-0222 • Fax +1 (704) 504-0223
www.lutze.com • info@lutze.com

United Kingdom: LÜTZE Ltd.

Unit 3, Sandy Hill Park
Sandy Way, Amington • GB-Tamworth, Staffs B77 4DU
Tel. +44 (0)1827 31333-0 • Fax +44 (0)1827 31333-2
www.lutze.com • sales.gb@lutze.co.uk



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Technical data sheet - DC UPS Battery Management System

Input

Input voltage	DC 12 V / 24 V / 48 V / 72 V or automatic recognition
Input current	DC max. 20 A
Status display input	LED green: selected voltage
Parameterisation	Button Selection of input voltage

Energy storage

Memory type	capacitive
Discharge time at load current max	12 V: 600 ms, 24 V: 300ms, 48 V: 150 ms, 72 V: 75 ms

Output

Rated voltage U_N	DC V
Output voltage	Input voltage -1 V
Rated current I_N	20.00 A
Max. output current	20 A
Ripple and Noise	<250 mV @ DC 24 V, 20 A
Protection device	Over voltage protection, active
Short circuit	enabled

Status indication

Status display output	green LED: DC OK, red LED: Overload
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Monitoring

Number of channels	2
Switching voltage	DC 12 V
Switching current	DC 1 A
Contact type	N/O contact

General

Insulation voltage input / ground	0.75 kV
Operation temperature range	-20 °C ... +70 °C
Storage temperature range	-20 °C ... +82 °C
Relative air humidity	95 % not condensing
Cooling	free convection
Housing material	Aluminum
Mounting	DIN rail mountable TS35 (EN 60715)
Installation position	vertical, with 20 mm distance to other devices
Protection class	IP20
Weight	0.800 kg/piece
Connection device	Plug-in screw terminal 2.5 mm ² (AWG 24-12)

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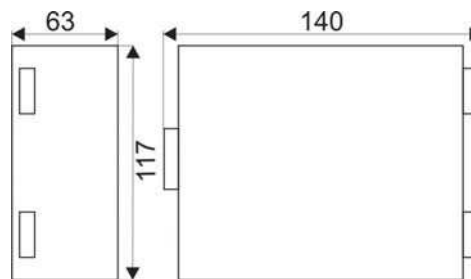
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Dimensions (w × h × d)	63.0 × 140.0 × 117.0 mm
Approvals	cULus (E249179)
Standards	UL 508 CE EN 55011
PU	1 piece

Comments	Input voltage range DC 12 V to DC 85 V Automatic detection of DC supply Inexpensive design thanks to standard electrolyte capacitors Digital control Compact size
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Dimensions



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