

2866226

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Uninterruptible power supply 24 V DC/10 A, with integrated 1.3 Ah battery module. In the download area, there is a clearly arranged selection table available with load currents and buffer times, as well as charging times after buffer mode.

Commercial data

Item number	2866226
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	CM20
Product key	CMUPV3
Catalog page	Page 587 (IF-2009)
GTIN	4017918959722
Weight per piece (including packing)	1,908 g
Weight per piece (excluding packing)	1,800 g
Customs tariff number	85371091
Country of origin	CN



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Technical data

Input data

Input voltage Input voltage range Wide-range input Input voltage range DC Voltage type of supply voltage	24 V DC 22.5 V DC 30 V DC no 22.5 V DC 30 V DC DC
Wide-range input Input voltage range DC	no 22.5 V DC 30 V DC
Input voltage range DC	22.5 V DC 30 V DC
Voltage type of supply voltage	DC:
Buffer period	1.5 min. (10 A)
	20 min. (2 A)
Current consumption	approx. 0.1 A
	0.5 A (charging process)
	10.5 A (max.)
Fixed backup threshold	< 22 V DC
Variable connect threshold	(U _{IN} - 1 V)/0.1 s
Input fuse	15 A (slow-blow, internal)

Output data

Signal: floating

Output description

Maximum switching voltage

Efficiency	> 91 %
Nominal output voltage	24 V DC (Normal operation: U _{in} - 0.5 V DC, buffer mode: 27.9 to 19.2 V DC)
Nominal output current (I _N)	10 A
Bridging time	2 min.
Short-circuit-proof	yes
Output power	240 W
Power dissipation	20 W
	8 W
Connection in parallel	no
Connection in series	yes
Mains operation	
Nominal output voltage	24 V DC
Nominal output current (I _N)	10 A
Battery operation	
Nominal output voltage	24 V DC
Nominal output current (I _N)	10 A
Signal	
Output description	Power OK

Alarm

≤ 30 V AC/DC



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Continuous load current	≤ 1 A
Signal: floating	
Output description	Battery Charge
Maximum switching voltage	≤ 30 V AC/DC
Continuous load current	≤ 1 A
Signal: floating	
Output description	Battery Mode
Maximum switching voltage	≤ 30 V AC/DC
Continuous load current	≤ 1 A
ergy storage	
Nominal capacity	1.3 Ah
Battery module service life	6 Years (20 °C)
Latest startup date (battery only)	9 Months (20 °C 30 °C)

6 Months (30 °C ... 40 °C)

internal, battery 1.3 Ah

Yes

Connection data

Memory medium

Network management

Input

Connection method	Pluggable screw connection
Conductor cross section, rigid min.	0.2 mm ²
Conductor cross section, rigid max.	2.5 mm ²
Conductor cross section flexible min.	0.2 mm²
Conductor cross section flexible max.	2.5 mm ²
Conductor cross section AWG min.	24
Conductor cross section AWG max.	12
Stripping length	7 mm
Screw thread	M3

Output

Conductor cross section, rigid min. Conductor cross section, rigid max. Conductor cross section flexible min. Conductor cross section flexible may. 2.5 mm² 2.5 mm²	Connection method	Pluggable screw connection
Conductor cross section flexible min. 0.2 mm ²	Conductor cross section, rigid min.	0.2 mm²
	Conductor cross section, rigid max.	2.5 mm²
Conductor group position flouible may	Conductor cross section flexible min.	0.2 mm²
Conductor cross section liexible max. 2.5 mm	Conductor cross section flexible max.	2.5 mm²
Conductor cross section AWG min. 24	Conductor cross section AWG min.	24
Conductor cross section AWG max. 12	Conductor cross section AWG max.	12
Stripping length 7 mm	Stripping length	7 mm
Screw thread M3	Screw thread	M3

Signal

Conductor cross section, rigid min.	0.2 mm ²



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Conductor cross section, rigid max.	2.5 mm ²
Conductor cross section flexible min.	0.2 mm ²
Conductor cross section flexible max.	2.5 mm²
Conductor cross section AWG min.	24
Conductor cross section AWG max.	12
Screw thread	M3
Tightening torque, min	0.5 Nm
Tightening torque max	0.6 Nm
Signaling	
Types of signaling	LED
Operating voltage display	Green LED
Signal output	
Status display	LED "Power OK" green
Note on status display	Power OK: LED permanently lit
Note on status display	1 ower ore ELD permanently it
Signal output: floating	
Status display	LED (red)
Note on status display	Alarm: LED permanently lit
Signal output: floating	
Status display	LED flashing yellow
Note on status display	Battery charge: LED flashing
Signal output: floating	
Status display	LED (yellow)
Note on status display	Battery mode: LED permanently lit
Electrical properties	
Insulation voltage input/output	2 kV (routine test)
	4 kV (type test)
Product properties	
Product type	DC UPS
Disposal	Used batteries must not be thrown away with household waste, they should instead be disposed of in accordance with applicable national regulations.
MTBF (IEC 61709, SN 29500)	> 500000 h
Data management status	
Data management status	0.5
Article revision	05
Insulation characteristics	
Protection class	II (in closed control cabinet)
Dimensions	
Width	100 mm



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Height	130 mm
Depth	125 mm
Installation dimensions	
Installation distance right/left	5 mm / 5 mm
Installation distance top/bottom	50 mm / 50 mm
punting	
-	DIM with the latter
Mounting type	DIN rail mounting
Assembly note	alignable: horizontally 0 mm, vertically 50 mm
Mounting position	horizontal DIN rail NS 35, EN 60715
aterial specifications	
Housing material	Metal
Type of housing	AluNox (AlMg1)
nvironmental and real-life conditions Ambient conditions	
Degree of protection	IP20
Ambient temperature (operation)	0 °C 50 °C
Ambient temperature (storage/transport)	0 °C 40 °C
Max. permissible relative humidity (operation)	95 % (at 25 °C, non-condensing)
andards and regulations	
Standard – Electronic equipment for use in electrical power installations and their assembly into electrical power installations	EN 50178/VDE 0160 (PELV)
Standard - Electrical safety	EN 60950-1/VDE 0805 (SELV)
	EN 61558-2-17
Standard - Safe isolation	DIN VDE 0100-410
Standard - Safety of transformers	EN 61558-2-17
pprovals	
Shipbuilding approval	DNV GL (EMC A), ABS
UL approvals	UL/C-UL listed UL 508
	UL/C-UL Recognized UL 60950-1
	UL/C-UL Listed UL 1604 Class I, Division 2, Groups A, B, C, D
Conformity/Approvals	
SIL in accordance with IEC 61508	0
Performance level according to ISO 13849	without
MC data	
MC data Low Voltage Directive	Conformance with Low Voltage Directive 2014/35/EC
	Conformance with Low Voltage Directive 2014/35/EC EN 61000-6-2:2005



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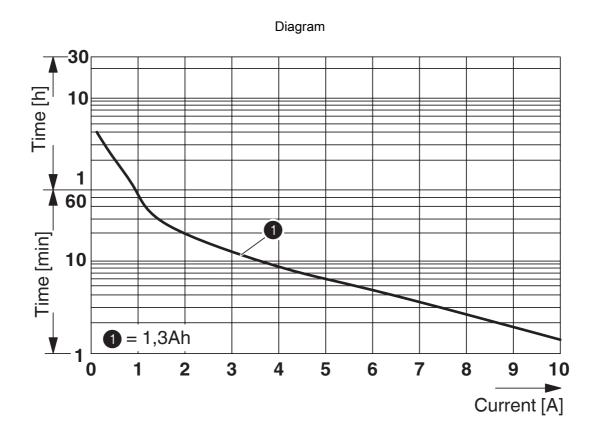
Noise emission EN 55011 (EN 55022)



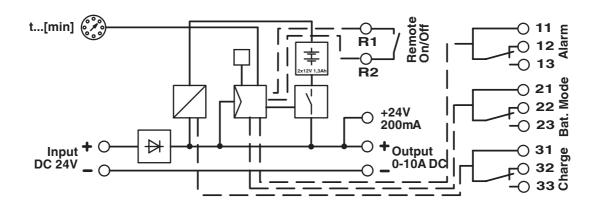
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Drawings



Block diagram





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Classifications

ECLASS

	ECLASS-11.0	27040705
UN	ISPSC	
	UNSPSC 21.0	39121011



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Accessories

UWA 182/52 - Mounting adapter

2938235

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Universal wall adapter for securely mounting the device in the event of strong vibrations. The device is screwed directly onto the mounting surface. The universal wall adapter is attached on the top/bottom.

UTA 107 - DIN rail adapter

2853983

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Universal DIN rail adapter, for screwing on switchgear



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