

Uninterruptible power supply - UNO-UPS/24DC/24DC/60W - 2905907

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Uninterruptible energy supply with integrated energy storage, lead AGM, VRLA technology, 24 V DC, 0.8 Ah.

Product Description

UPS modules with integrated energy storage are particularly space saving: UPS module and energy storage are combined in one housing. It's just a case of connecting a power supply upstream.

Your advantages

- Compact and narrow



Key Commercial Data

Packing unit	1 pc
GTIN	
GTIN	4055626007380
Weight per Piece (excluding packing)	1,119.800 g
Custom tariff number	85371091
Country of origin	Germany

Technical data

Dimensions

Width	110 mm
Height	90 mm
Depth	84 mm

Ambient conditions

Degree of protection	IP20
Ambient temperature (operation)	-15 °C ... 50 °C
Ambient temperature (storage/transport)	-20 °C ... 60 °C
Max. permissible relative humidity (operation)	≤ 95 % (at 25 °C, non-condensing)
Degree of pollution	2

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Technical data

Input data

Input voltage	24 V DC
Nominal input voltage	24 V DC (SELV)
Input voltage range	22.5 V DC ... 29.5 V DC
Current consumption (charging process)	< 0.3 A (Charging (I _{Charge} = max, I _{Out} = 0))
Current consumption (maximum)	2.8 A
Current consumption (idle)	< 60 mA
Input fuse, integrated	5 A (electronic)

Output data (24 V DC mains operation)

Nominal output voltage	24 V DC
Output voltage range (depends on the input voltage)	$U_{Out} = U_{In} - 0.5 \text{ V DC}$
Nominal output current (I _N)	2.5 A

Output data (24 V DC battery operation)

Nominal output current (I _N)	2.5 A
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General output data

Efficiency	> 95 % (Mains operation, with charged energy storage)
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General

IQ technology	no
Net weight	1 kg
Memory medium	Lead rechargeable battery module
Protection class	III
MTBF (IEC 61709, SN 29500)	> 1900000 h (40 °C)
Mounting position	horizontal DIN rail NS 35, EN 60715
Assembly instructions	alignable: 0 mm horizontally, 30 mm vertically

Connection data, input

Connection method	Screw connection
Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	2.5 mm ²
Conductor cross section flexible min.	0.2 mm ²
Conductor cross section flexible max.	2.5 mm ²
Conductor cross section AWG min.	24
Conductor cross section AWG max.	14
Stripping length	7 mm
Screw thread	M3

Connection data, output

Connection method	Screw connection
Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	2.5 mm ²
Conductor cross section flexible min.	0.2 mm ²

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Technical data

Connection data, output

Conductor cross section flexible max.	2.5 mm ²
Conductor cross section AWG min.	24
Conductor cross section AWG max.	14
Stripping length	7 mm
Screw thread	M3

Connection data for signaling

Connection method	Screw connection
Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	2.5 mm ²
Conductor cross section flexible min.	0.2 mm ²
Conductor cross section flexible max.	2.5 mm ²
Conductor cross section AWG min.	24
Conductor cross section AWG max.	14
Stripping length	7 mm
Screw thread	M3

Standards and Regulations

Electromagnetic compatibility	Conformance with EMC Directive 2014/30/EU
Noise immunity	EN 61000-6-2
Standards/regulations	EN 61000-4-2
Contact discharge	4 kV (Test Level 2)
Standards/regulations	EN 61000-4-3
Frequency range	80 MHz ... 3 GHz
Test field strength	10 V/m (Test Level 3)
Standards/regulations	EN 61000-4-4
Comments	Criterion B
Standards/regulations	EN 61000-4-6
Frequency range	0.15 MHz ... 80 MHz
Voltage	10 V (Test Level 3)
Standard - Electrical safety	EN 60950-1/VDE 0805 (SELV)
Standard – Electronic equipment for use in electrical power installations and their assembly into electrical power installations	EN 50178/VDE 0160 (PELV)
UL approvals	UL Listed UL 508
	UL/C-UL Recognized UL 60950-1
Shock	18 ms, 30g, in each space direction (according to IEC 60068-2-27)
Vibration (operation)	< 13.2 Hz, amplitude ±1.0 mm (according to IEC 60068-2-6)
	13.2 Hz ... 100 Hz, 0.7g

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 25;

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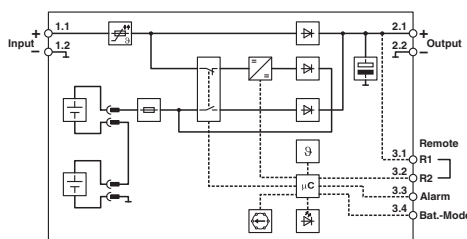
Technical data

Environmental Product Compliance

	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"
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Drawings

Block diagram



Classifications

eCl@ss

eCl@ss 5.1	27040600
eCl@ss 6.0	27040600
eCl@ss 7.0	27040603
eCl@ss 8.0	27040603
eCl@ss 9.0	27040705

ETIM

ETIM 5.0	EC000382
ETIM 6.0	EC000382
ETIM 7.0	EC000382

UNSPSC

UNSPSC 13.2	39121011
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Approvals

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UL Listed / UL Recognized / cUL Recognized / IECCE CB Scheme / cUL Listed / EAC / cULus Recognized / cULus Listed

Ex Approvals

Approval details

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Approvals

UL Listed		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 123528
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UL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 214596
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cUL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 214596
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IECEE CB Scheme		http://www.iecee.org/	DK-47330-A1-UL
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cUL Listed		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 123528
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EAC			RU C- DE.A*30.B.01082
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cULus Recognized			
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cULus Listed			
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Accessories

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Power supply

Power supply unit - UNO-PS/1AC/24DC/ 60W - 2902992



Primary-switched UNO POWER power supply for DIN rail mounting, input: 1-phase, output: 24 V DC/60 W

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Accessories

Power supply unit - UNO-PS/1AC/24DC/100W - 2902993



Primary-switched UNO POWER power supply for DIN rail mounting, input: 1-phase, output: 24 V DC/100 W
