

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

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Uninterruptible power supply with integrated power 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.

Why buy this product

- Compact and narrow



Key Commercial Data

Packing unit	1 STK
GTIN	 4 055626 007380
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)
Noise immunity	EN 61000-6-2

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Technical data

Input data

Input voltage	24 V DC
Nominal input voltage	24 V DC (SELV)
Current consumption (maximum)	2.8 A
Current consumption (idle)	< 60 mA
Current consumption (charging process)	< 300 mA
Input fuse, integrated	5 A (electronic)

Output data (24 V DC mains operation)

Nominal output current (I _N)	2.5 A
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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 power 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
Conductor cross section flexible max.	2.5 mm ²
Conductor cross section AWG min.	24
Conductor cross section AWG max.	14

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Technical data

Connection data, output

Stripping length	7 mm
Screw thread	M3

Connection data for signaling

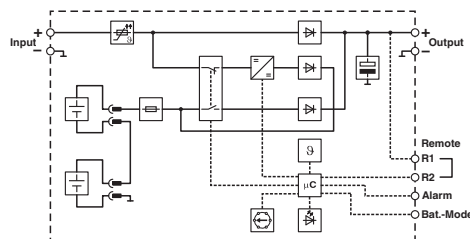
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Conductor cross section flexible min.	0.2 mm ²
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Standards and Regulations

Electromagnetic compatibility	Conformance with EMC Directive 2014/30/EU
Shock	18 ms, 30g, in each space direction (according to IEC 60068-2-27)
Noise immunity	EN 61000-6-2
Standards/regulations	EN 61000-4-2
	EN 61000-4-3
	EN 61000-4-4
	EN 61000-4-5
	EN 61000-4-6
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
Vibration (operation)	< 13.2 Hz, amplitude ±1.0 mm (according to IEC 60068-2-6)
	13.2 Hz ... 100 Hz, 0.7g

Drawings

Block diagram



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Classifications

eCl@ss

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

ETIM

ETIM 5.0	EC000382
ETIM 6.0	EC000382

UNSPSC

UNSPSC 13.2	39121011
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Approvals

Approvals

Approvals

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

Ex Approvals

Approval details

UL Listed		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 123528
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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		7500651.22.01.00242
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IECEE CB Scheme		http://www.iecee.org/	DK-47330-A1-UL
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Approvals

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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cULus Listed		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	
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Accessories

Accessories

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

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