

Uninterruptible power supply - TRIO-UPS-2G/1AC/1AC/120V/750VA - 2905908

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1AC/1AC/750 VA uninterruptible power supply with integrated power storage, lead AGM, VRLA technology, 24 V DC, 3.4 Ah for 120 V AC applications.

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.

The TRIO AC-UPS ensures seamless transition to battery operation thanks to the pure sine curve. Connected industrial PCs can be shut down safely via the integrated USB interface.

Why buy this product

- ✓ Smooth transition, thanks to the pure sine curve: the sine generated in battery operation is synchronous with the mains previously used for supply
- ✓ Space saving: UPS module and energy storage combined in one housing
- ✓ Long buffer times with integrated VRLA energy storage, can be extended with additional energy storage
- ✓ USB interface for connection to higher-level controllers such as industrial PCs
- ✓ Startup from energy storage possible, even without mains input



Key Commercial Data

Packing unit	1 STK
GTIN	
GTIN	4055626007397
Weight per Piece (excluding packing)	6,120.000 g
Custom tariff number	85371091
Country of origin	Germany

Technical data

Dimensions

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Technical data

Dimensions

Width	210 mm
Height	170 mm
Depth	136 mm

Ambient conditions

Degree of protection	IP20
Ambient temperature (operation)	0 °C ... 40 °C
Ambient temperature (storage/transport)	-15 °C ... 40 °C (with charged power storage device)
Max. permissible relative humidity (operation)	≤ 95 % (25°C, non-condensing)
Noise immunity	EN 61000-6-2

Input data

Nominal input voltage	120 V AC
Input voltage range	96 V AC ... 138 V AC
AC frequency range	55 Hz ... 65 Hz
Input fuse	10 A 400 V gRL
Permissible backup fuse	B10 B16 Listed breaker
Power factor (cos phi)	0.8

Output data

Nominal output voltage	120 V AC
Nominal output current (I _N)	6 A
Connection in parallel	No
Connection in series	No

General

Net weight	5.7 kg
Memory medium	Lead rechargeable battery module
Protection class	I
MTBF (IEC 61709, SN 29500)	> 206000 h (40°C)

Connection data, input

Connection method	Push-in connection
Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	4 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.	12

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Technical data

Connection data, output

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Conductor cross section AWG max.	12

Signaling

Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	1.5 mm ²
Conductor cross section flexible min.	0.2 mm ²
Conductor cross section flexible max.	1.5 mm ²
Conductor cross section AWG min.	24
Conductor cross section AWG max.	16

Charging process

Charging time	7 h
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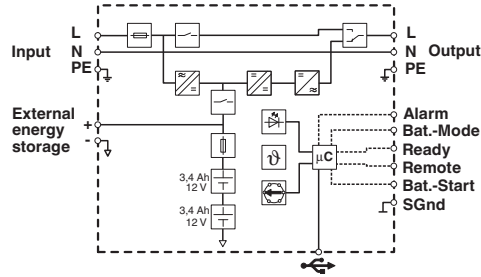
Standards and Regulations

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 ... 1 GHz
Test field strength	10 V/m
Standards/regulations	EN 61000-4-4
Comments	Criterion B
Standards/regulations	EN 61000-4-5
Signal	1 kV (Test Level 2 - asymmetrical)
Standards/regulations	EN 61000-4-6
Frequency range	0.15 MHz ... 80 MHz
Voltage	10 V
Standards/regulations	EN 61000-4-8
UL approvals	UL/C-UL Recognized UL 1778
Low Voltage Directive	Conformance with Low Voltage Directive 2014/35/EC

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Drawings

Block diagram



Approvals

Approvals

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UL Recognized / cUL Recognized / cULus Recognized

Ex Approvals

Approval details

UL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 342453
cUL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 342453
cULus Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	

