

1105556

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TRIO UPS - UPS with integrated power supply, USB (Modbus/RTU), DIN rail mounting, Push-in connection, input: 1-phase, output: 24 V DC / 20 A

Product description

Supply DC loads reliably and save space with the TRIO uninterruptible power supplies. An input grid is no longer necessary for startup. Connected industrial PCs can be shut down easily via the integrated USB interface.

Your advantages

- · Space saving: Combination of UPS module and power supply in the same housing
- · Long buffer times, thanks to large selection of VRLA energy storage systems
- USB interface for connection to higher-level controllers such as industrial PCs
- Startup from the energy storage system possible, even without mains input
- · Universal range of possible applications, thanks to a comprehensive package of approvals and an extended temperature range
- · Easy installation, thanks to push-in connection technology

Commercial data

Item number	1105556
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	CM25
Product key	CMUO13
GTIN	4055626988900
Weight per piece (including packing)	2,003.96 g
Weight per piece (excluding packing)	1,697 g
Customs tariff number	85044095
Country of origin	CN



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Technical data

Input data

Input voltage range	100 V AC 240 V AC -15 % +10 %
Voltage type of supply voltage	AC
Inrush current	< 10 A
Inrush current integral (I ² t)	$< 0.4 \text{ A}^2 \text{s}$
Frequency range (f _N)	50 Hz 60 Hz (±10 %)
Mains buffering time	≥ 20 ms (120 V AC)
Switch-on time	typ. 200 ms
Typical current consumption	6.4 A (100 V AC)
Input fuse	10 A (slow-blow, internal)

Signal Bat.-Start

Connection labeling	3.6
Signalization designation	BatStart
Low signal	Connection to SGnd with < 2.7 $k\Omega$
High signal	Open (> 200 kΩ between BatStart and SGnd)

Signal Remote

Connection labeling	3.5
Signalization designation	Remote
Low signal	Connection to SGnd with < 2.7 $k\Omega$
High signal	Open (> 35 kΩ between Remote and SGnd)

Output data

Efficiency	typ. 88 % (100 V AC)
	typ. 92 % (240 V AC)
	typ. (Battery operation)
Derating	> 60 °C (2.5%/K of P _{Out} nom.)
Crest factor	1.57 (120 V AC)
	1.58 (230 V AC)
Switch-over time	< 3 ms
UPS connection in parallel	yes, with diode module uncoupled
UPS connection in series	no
Energy storage device connection in parallel	yes
Feedback voltage resistance	≤ 35 V DC
Protection against overvoltage at the output (OVP)	< 30 V DC
Residual ripple	< 20 mV
Control deviation	< 0.4 % (change in load, static 10 % 90 %)
	< 2.9 % (Dynamic load change 10 % 90 %, 10 Hz)
	< 0.1 % (change in input voltage ±10 %)
Rise time	< 34 ms
Permissible backup fuse	B16



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Output voltage	24 V DC
Output voltage range	24 V DC 28 V DC (> 24 V constant capacity)
Output current I _N	20 A
Dynamic Boost (I _{Dyn.Boost})	30 A
Maximum no-load power dissipation	< 4 W (230 V AC)
Power loss nominal load max.	< 50 W (230 V AC)
attery operation	H 04 V D0
Output voltage	U _{BAT} -0.1 V DC
Output voltage range	18 V DC 30 V DC
Output current I _N	20 A
Signal Alarm	
Connection labeling	3.2
Signalization designation	Alarm
Type of signaling	LED red
Switching output	Transistor output, active
Output voltage	24 V DC
Continuous load current	20 mA
LED status indicator	red
Signal Battery mode	
Connection labeling	3.3
Signalization designation	Battery mode
Type of signaling	Yellow LED
Switching output	Transistor output, active
Output voltage	24 V DC
Continuous load current	20 mA
LED status indicator	yellow
innel DC OV	
ignal DC OK Connection labeling	3.1
Signalization designation	DC OK
Type of signaling	Green LED
Switching output	Transistor output, active
Output voltage	24 V DC
Continuous load current	20 mA
LED status indicator	green
5000 11010001	9.00.
ignal Ready	
Connection labeling	3.4
Signalization designation	Ready
Switching output	Transistor output, active
Output voltage	24 V DC
Continuous load current	20 mA



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Energy storage

Nominal voltage U _N	24 V DC
End-of-charge voltage	max. 30 V DC
Charging current (Configurable)	0.2 A 3 A (-25 °C 40 °C)
Charging current (Reduced)	3 A 0 A (40 °C 65 °C)
Charging current (Preset)	2.1 A (-25 °C 40 °C)
Charging current ()	3 A
Nominal capacity range	4 Ah 40 Ah
Battery technology	VRLA-AGM
Charge characteristic curve	IU ₀ U

Connection data

Conductor connection

Connection method	Push-in connection
rigid	1 mm² 4 mm²
flexible	1 mm² 2.5 mm²
flexible with ferrule without plastic sleeve	1 mm² 2.5 mm²
flexible with ferrule with plastic sleeve	1 mm² 1.5 mm²
rigid (AWG)	16 12
Stripping length	10 mm

Conductor connection

Connection method	Push-in connection
rigid	2.5 mm² 10 mm²
flexible	2.5 mm² 6 mm²
flexible with ferrule without plastic sleeve	2.5 mm² 6 mm²
flexible with ferrule with plastic sleeve	2.5 mm² 4 mm²
rigid (AWG)	12 8
Stripping length	15 mm

Conductor connection

Connection method	Push-in connection
rigid	0.2 mm² 1.5 mm²
flexible	0.2 mm² 1.5 mm²
flexible with ferrule without plastic sleeve	0.2 mm² 1.5 mm²
flexible with ferrule with plastic sleeve	0.2 mm² 0.75 mm²
rigid (AWG)	24 16
Stripping length	8 mm

Conductor connection

Connection method	Push-in connection
rigid	2.5 mm² 10 mm²
flexible	2.5 mm² 6 mm²
flexible with ferrule without plastic sleeve	2.5 mm² 6 mm²



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flexible with ferrule with plastic sleeve	2.5 mm² 4 mm²
rigid (AWG)	12 8
Stripping length	15 mm
iterfaces	
Interface	USB (Modbus/RTU)
Number of interfaces	1
Connection method	MINI-USB Type B
Locking	Screw
lectrical properties	
Number of phases	1.00
roduct properties	
Product type	DC UPS with integrated power supply
Product family	TRIO UPS
MTBF (IEC 61709, SN 29500)	958219 h (25 °C)
	576370 h (40 °C)
	265724 h (60 °C)
Data management status	
Article revision	02
Inculation characteristics	
Insulation characteristics Protection class	1
Degree of pollution	2
Degree of politicon	2
imensions	
Item dimensions	
Width	88 mm
Height	130 mm
Depth	160 mm
Item dimensions with alternative mounting	
Width	160 mm
Height	130 mm
Depth	88 mm
Installation dimensions	
Installation distance right/left	0 mm / 0 mm
Installation distance top/bottom	50 mm / 50 mm
lounting	
Mounting type	DIN rail mounting
Mounting type Assembly note	DIN rail mounting alignable: horizontally 0 mm, vertically 50 mm



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Material specifications

Flammability rating according to UL 94 (housing / terminal blocks)	V0
Hood version	PC
Side element version	Aluminum

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP20
Ambient temperature (operation)	-25 °C 70 °C (> 60 °C Derating: 2,5 %/K)
Ambient temperature (storage/transport)	-40 °C 85 °C
Ambient temperature (start-up type tested)	-40 °C
Maximum altitude	≤ 4000 m (> 2000 m, observe derating)
Climatic class	3K3 (in acc. with EN 60721)
Max. permissible relative humidity (operation)	≤ 95 % (at +25 °C, non-condensing)
Shock	30g, 18 ms in accordance with IEC 60068-2-27
Vibration (operation)	< 12 13.2 Hz, amplitude ±1 mm, 13.2 100 Hz, 0.7g in accordance with IEC 60068-2-6

Standards and regulations

Overvoltage category

EN 61010-1	II

Safety for measurement, control, and laboratory equipment

Standard designation	Safety for equipment for measurement, control, and laboratory use
Standards/specifications	IEC 61010-1

Protective extra-low voltage

Standard designation	Protective extra-low voltage
Standards/specifications	IEC 61010 (SELV) / (PELV)

Safe isolation

Standard designation	Safe isolation
Standards/specifications	DIN VDE 0100-410

Low-voltage power supplies, DC output

Standard designation	Low-voltage power supplies, DC output
Standards/specifications	EN 61204-3

Approvals

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3	-	7

Identification	UL Listed UL 61010
UL	



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Low Voltage Directive	Identification	UL/C-UL Listed ANSI/ISA-12.12.01 Class I, Division 2, Groups A, B, C
EMC requirements for noise emission EMC requirements for noise immunity EMC 1000-6-2 Noise immunity Electromagnetic compatibility Conducted noise emission EMC 1000-6-3 Noise emission EMC 1000-6-3 Harmonic currents Standards/regulations EMC 1000-3-2 Flicker Standards/regulations EMC 1000-3-2 Flicker Standards/regulations EMC 1000-3-3 Electrostatic discharge Standards/regulations EMC 1000-4-2 Electrostatic discharge Contact discharge Ocntact discharge Discharge in air B KV (Test Level 3) Electromagnetic HF field Standards/regulations EMC 1000-4-3 Electromagnetic HF field Standards/regulations EMC 1000-4-3 Electromagnetic HF field Standards/regulations EMC 1000-4-3 Electromagnetic HF field Frequency range 1 A GHz Test field strength 10 V/m Frequency range 1 A GHz Test field strength Standards/regulations EMC 1000-4-4 Fast transients (burst) Standards/regulations EMC 1000-4-5 Surge voltage load (surge) Standards/regulations EMC 1000-4-5 Surge voltage load (surge)	EMC data	
EN 61000-6-4	Low Voltage Directive	Conformance with Low Voltage Directive 2014/35/EC
EMC requirements for noise immunity EN 61000-6-1 EN 61000-6-2 Noise immunity Immunity in accordance with EN 61000-6-2 (industrial) Electromagnetic compatibility Conducted noise emission EN 61000-6-3 Noise emission EN 61000-6-3 Harmonic currents Standards/regulations EN 61000-3-2 Flicker Standards/regulations EN 61000-3-2 Electrostatic discharge Standards/regulations EN 61000-4-2 Electrostatic discharge Oontact discharge Oontact discharge Electrostatic discharge Standards/regulations EN 61000-4-2 Electromagnetic HF field Standards/regulations EN 61000-4-3 Electromagnetic HF field Frequency range BN 61000-4-3 Electromagnetic HF field Frequency range 10 V/m Frequency range 11 A GHz 6 GHz Frequency range 12 A GHz 6 GHz Frequency range 13 V/m Fast transients (burst) Standards/regulations EN 61000-4-4 Fast transients (burst) Standards/regulations EN 61000-4-4 Fast transients (burst) Standards/regulations EN 61000-4-5 Surge voltage load (surge) Standards/regulations EN 61000-4-5 Surge voltage load (surge)	EMC requirements for noise emission	EN 61000-6-3
EN 61000-6-2		EN 61000-6-4
Noise immunity Electromagnetic compatibility Conformance with EMC Directive 2014/30/EU Conducted noise emission Noise emission EN 61000-6-3 Noise emission EN 61000-6-3 Harmonic currents Standards/regulations EN 61000-3-2 Flicker Standards/regulations EN 61000-3-2 Flicker Standards/regulations EN 61000-3-3 Electrostatic discharge Standards/regulations EN 61000-4-2 Electrostatic discharge Contact discharge Ontact discharge Bischarge in air Bix KV (Test Level 3) Electromagnetic HF field Standards/regulations EN 61000-4-3 Electromagnetic HF field Frequency range Bix MHz 6 GHz Test field strength 10 V/m Frest transients (burst) Standards/regulations EN 61000-4-4 Fast transients (burst) Standards/regulations EN 61000-4-4 Fast transients (burst) Standards/regulations EN 61000-4-4 Fast transients (burst) Standards/regulations EN 61000-4-5 Surge voltage load (surge) Standards/regulations EN 61000-4-5 Surge voltage load (surge)	EMC requirements for noise immunity	EN 61000-6-1
Electromagnetic compatibility Conducted noise emission EN 61000-6-3 Noise emission EN 61000-6-3 Harmonic currents Standards/regulations EN 61000-3-2 Filcker Standards/regulations EN 61000-3-3 Electrostatic discharge Standards/regulations EN 61000-4-2 Electrostatic discharge Contact discharge Government Standards/regulations EN 61000-4-2 Electrostatic discharge Electrostatic discharge Electrostatic discharge Electromagnetic HF field Standards/regulations EN 61000-4-3 Electromagnetic HF field Frequency range 80 MHz 6 GHz Test field strength 10 V/m Frequency range 1.4 GHz 6 GHz Test field strength 10 V/m Fast transients (burst) Standards/regulations EN 61000-4-4 Fast transients (burst) Fast transients (burst) Standards/regulations EN 61000-4-5 Surge voltage load (surge) Standards/regulations EN 61000-4-5 Surge voltage load (surge)		EN 61000-6-2
EN 61000-6-3	Noise immunity	Immunity in accordance with EN 61000-6-2 (industrial)
Noise emission	Electromagnetic compatibility	Conformance with EMC Directive 2014/30/EU
Harmonic currents Standards/regulations EN 61000-3-2 Flicker Standards/regulations EN 61000-3-3 Electrostatic discharge Standards/regulations EN 61000-4-2 Electrostatic discharge G kV (Test Level 3) Discharge in air B kV (Test Level 3) Electromagnetic HF field Standards/regulations EN 61000-4-3 Electromagnetic HF field Frequency range 80 MHz 6 GHz Test field strength 10 V/m Frequency range 1.4 GHz 6 GHz Test field strength 3 V/m Fast transients (burst) Standards/regulations EN 61000-4-4 Fast transients (burst) Input	Conducted noise emission	EN 61000-6-3
Standards/regulations	Noise emission	EN 61000-6-3
Flicker Standards/regulations EN 61000-3-3	Harmonic currents	
Electrostatic discharge	Standards/regulations	EN 61000-3-2
Electrostatic discharge Standards/regulations EN 61000-4-2 Electrostatic discharge Contact discharge 6 kV (Test Level 3) Discharge in air 8 kV (Test Level 3) Electromagnetic HF field Standards/regulations EN 61000-4-3 Electromagnetic HF field Frequency range 80 MHz 6 GHz Test field strength 10 V/m Frequency range 1.4 GHz 6 GHz Test field strength 3 V/m Fast transients (burst) Standards/regulations EN 61000-4-4 Fast transients (burst) Input 4 kV Output 2 kV Signal 2 kV Surge voltage load (surge) Standards/regulations EN 61000-4-5 Surge voltage load (surge)	Flicker	
Electrostatic discharge Contact discharge Contact discharge 6 kV (Test Level 3) Discharge in air 8 kV (Test Level 3) Electromagnetic HF field Standards/regulations EN 61000-4-3 Electromagnetic HF field Frequency range 80 MHz 6 GHz Test field strength 10 V/m Frequency range 1.4 GHz 6 GHz Test field strength 3 V/m Fast transients (burst) Standards/regulations EN 61000-4-4 Fast transients (burst) Standards/regulations EN 61000-4-4 Fast transients (burst) Linput 2 kV Signal 2 kV Surge voltage load (surge) Standards/regulations EN 61000-4-5 Surge voltage load (surge)	Standards/regulations	EN 61000-3-3
Electrostatic discharge Contact discharge Contact discharge Discharge in air 8 kV (Test Level 3) Electromagnetic HF field Standards/regulations EN 61000-4-3 Electromagnetic HF field Frequency range 80 MHz 6 GHz Test field strength 10 V/m Frequency range 1.4 GHz 6 GHz Test field strength 3 V/m Fast transients (burst) Standards/regulations EN 61000-4-4 Fast transients (burst) Input 4 kV Output 2 kV Signal 2 kV Surge voltage load (surge) Standards/regulations EN 61000-4-5 Surge voltage load (surge)	Electrostatic discharge	
Contact discharge 6 kV (Test Level 3) Discharge in air 8 kV (Test Level 3) Electromagnetic HF field EN 61000-4-3 Standards/regulations EN 61000-4-3 Electromagnetic HF field Frequency range 80 MHz 6 GHz Test field strength 10 V/m Frequency range 1.4 GHz 6 GHz Test field strength 3 V/m Fast transients (burst) EN 61000-4-4 Standards/regulations EN 61000-4-4 Fast transients (burst) Input 4 kV Output 2 kV Signal 2 kV Surge voltage load (surge) Standards/regulations EN 61000-4-5 Surge voltage load (surge) EN 61000-4-5	Standards/regulations	EN 61000-4-2
Contact discharge 6 kV (Test Level 3) Discharge in air 8 kV (Test Level 3) Electromagnetic HF field EN 61000-4-3 Standards/regulations EN 61000-4-3 Electromagnetic HF field Frequency range 80 MHz 6 GHz Test field strength 10 V/m Frequency range 1.4 GHz 6 GHz Test field strength 3 V/m Fast transients (burst) EN 61000-4-4 Standards/regulations EN 61000-4-4 Fast transients (burst) 2 kV Signal 2 kV Surge voltage load (surge) Standards/regulations EN 61000-4-5 Surge voltage load (surge)	Electrostatic discharge	
Discharge in air		6 kV (Test Level 3)
Electromagnetic HF field Frequency range 80 MHz 6 GHz Test field strength 10 V/m Frequency range 1.4 GHz 6 GHz Test field strength 3 V/m Fast transients (burst) Standards/regulations EN 61000-4-4 Fast transients (burst) Input 4 kV Output 2 kV Signal 2 kV Surge voltage load (surge) Standards/regulations EN 61000-4-5 Surge voltage load (surge)	Discharge in air	8 kV (Test Level 3)
Electromagnetic HF field Frequency range 80 MHz 6 GHz Test field strength 10 V/m Frequency range 1.4 GHz 6 GHz Test field strength 3 V/m Fast transients (burst) Standards/regulations EN 61000-4-4 Fast transients (burst) Input 4 kV Output 2 kV Signal 2 kV Surge voltage load (surge) Standards/regulations EN 61000-4-5 Surge voltage load (surge)	Electromagnetic HE field	
Frequency range Test field strength 10 V/m Frequency range 1.4 GHz 6 GHz Test field strength 3 V/m Fast transients (burst) Standards/regulations EN 61000-4-4 Fast transients (burst) Input 4 kV Output 2 kV Signal 2 kV Surge voltage load (surge) Standards/regulations EN 61000-4-5 Surge voltage load (surge)		EN 61000-4-3
Frequency range Test field strength 10 V/m Frequency range 1.4 GHz 6 GHz Test field strength 3 V/m Fast transients (burst) Standards/regulations EN 61000-4-4 Fast transients (burst) Input 4 kV Output 2 kV Signal 2 kV Surge voltage load (surge) Standards/regulations EN 61000-4-5 Surge voltage load (surge)	Electromagnetic HE field	
Test field strength 10 V/m Frequency range 1.4 GHz 6 GHz Test field strength 3 V/m Fast transients (burst) Standards/regulations EN 61000-4-4 Fast transients (burst) Input 4 kV Output 2 kV Signal 2 kV Surge voltage load (surge) Standards/regulations EN 61000-4-5 Surge voltage load (surge)		80 MHz 6 GHz
Frequency range 1.4 GHz 6 GHz Test field strength 3 V/m Fast transients (burst) Standards/regulations EN 61000-4-4 Fast transients (burst) Input 4 kV Output 2 kV Signal 2 kV Surge voltage load (surge) Standards/regulations EN 61000-4-5 Surge voltage load (surge)		
Test field strength 3 V/m Fast transients (burst) Standards/regulations EN 61000-4-4 Fast transients (burst) Input 4 kV Output 2 kV Signal 2 kV Surge voltage load (surge) Standards/regulations EN 61000-4-5 Surge voltage load (surge)		
Fast transients (burst) Standards/regulations EN 61000-4-4 Fast transients (burst) Input 4 kV Output 2 kV Signal 2 kV Surge voltage load (surge) Standards/regulations EN 61000-4-5 Surge voltage load (surge)		
Standards/regulations EN 61000-4-4 Fast transients (burst) Input 4 kV Output 2 kV Signal 2 kV Surge voltage load (surge) Standards/regulations EN 61000-4-5 Surge voltage load (surge)		
Fast transients (burst) Input	, ,	EN 61000-4-4
Input 4 kV Output 2 kV Signal 2 kV Surge voltage load (surge) Standards/regulations EN 61000-4-5 Surge voltage load (surge)		2110100044
Output 2 kV Signal 2 kV Surge voltage load (surge) Standards/regulations EN 61000-4-5 Surge voltage load (surge)		
Signal 2 kV Surge voltage load (surge) Standards/regulations EN 61000-4-5 Surge voltage load (surge)		
Surge voltage load (surge) Standards/regulations EN 61000-4-5 Surge voltage load (surge)		
Standards/regulations EN 61000-4-5 Surge voltage load (surge)	Signal	2 kV
Surge voltage load (surge)	Surge voltage load (surge)	
	Standards/regulations	EN 61000-4-5
Input 1 kV (Test Level 3 - symmetrical)	Surge voltage load (surge)	
	Input	1 kV (Test Level 3 - symmetrical)



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	2 kV (Test Level 3 - asymmetrical)
Output	0.5 kV (Test Level 2 - symmetrical)
	1 kV (Test Level 2 - asymmetrical)
Signal	1 kV (Test Level 2 - asymmetrical)
Conducted interference	
Standards/regulations	EN 61000-4-6
Conducted interference	
Frequency range	0.15 MHz 80 MHz
Voltage	10 V

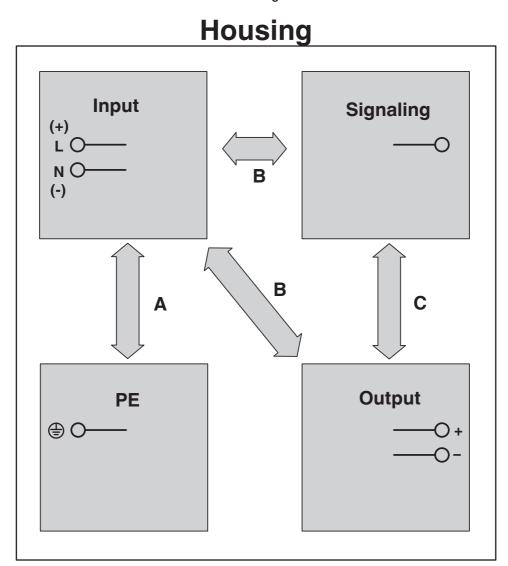


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Drawings

Schematic diagram



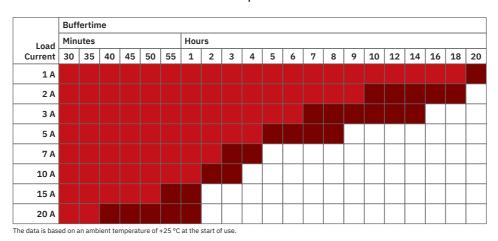
Insulation electric strength



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Graphic

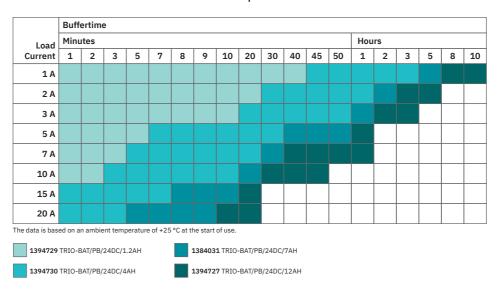


Buffer times for TRIO DC UPS for lead battery module

1348516 UPS-BAT/PB/24DC/20AH

Graphic

1354641 UPS-BAT/PB/24DC/40AH

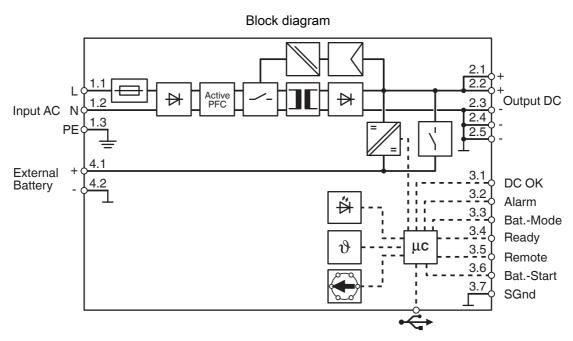


Buffer times for TRIO DC UPS for TRIO battery modules



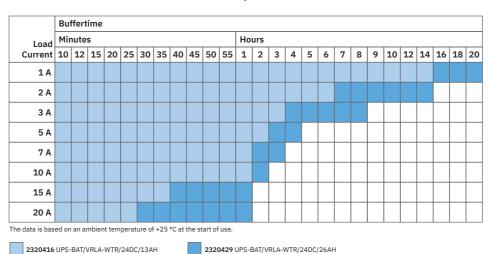
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Block diagram

Graphic



Buffer times for TRIO DC UPS for VRLA-WTR battery modules



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Approvals

🌣 To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/1105556



cULus Listed

Approval ID: FILE E 123528



KC

Approval ID: R-R-PCK-1105556



cULus Listed

Approval ID: FILE E 199827



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Classifications

ECLASS

ECLASS-11.0	27040705
ECLASS-12.0	27040705
ECLASS-13.0	27040705

ETIM

ETI	M 9.0	EC000382



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Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes		
Exemption	6(c), 7(a), 7(c)-I, 7(c)-II		
China RoHS			
Environment friendly use period (EFUP)	EFUP-25		
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.		
EU REACH SVHC			
REACH candidate substance (CAS No.)	Lead(CAS: 7439-92-1)		
SCIP	658f9b50-1dfa-4f5f-866f-5772458d8c3e		



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Mandatory accessories

UPS-BAT/PB/24DC/4AH - Battery module

1274117

https://www.phoenixcontact.com/us/products/1274117



Battery module, VRLA-AGM, 24 V DC, 4 Ah, automatic detection and communication with QUINT UPS-IQ

UPS-BAT/PB/24DC/7AH - Battery module

1274118

https://www.phoenixcontact.com/us/products/1274118



Battery module, VRLA-AGM, 24 V DC, 7 Ah, automatic detection and communication with QUINT UPS-IQ



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UPS-BAT/PB/24DC/12AH - Battery module

1274119

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Battery module, VRLA-AGM, 24 V DC, 12 Ah, automatic detection and communication with QUINT UPS-IQ

UPS-BAT/PB/24DC/20AH - Battery module

1348516

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Battery module, VRLA-AGM, 24 V DC, 20 Ah, automatic detection and communication with QUINT UPS-IQ



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UPS-BAT/PB/24DC/40AH - Battery module

1354641

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Battery module, VRLA-AGM, 24 V DC, 40 Ah, automatic detection and communication with QUINT UPS-IQ

UPS-BAT/VRLA-WTR/24DC/13AH - Battery module

2320416

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Battery module, lead AGM, VRLA technology, 24 V DC, 13 Ah, tool-free battery replacement, automatic detection, and communication with QUINT UPS-IQ



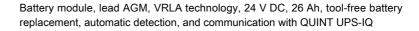
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UPS-BAT/VRLA-WTR/24DC/26AH - Battery module

2320429

https://www.phoenixcontact.com/us/products/2320429





Accessories

MINI-SCREW-USB-DATACABLE - Data cable

2908217

https://www.phoenixcontact.com/us/products/2908217



Used for communication between an industrial PC and Phoenix Contact devices with USB-Mini-B connection.



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UWA 130 - Mounting adapter

2901664

https://www.phoenixcontact.com/us/products/2901664



2-piece universal wall adapter for securely mounting the device in the event of strong vibrations. The profiles that are screwed onto the side of the device are screwed directly onto the mounting surface. The universal wall adapter is attached on the left/right.

UWA 182/52 - Mounting adapter

2938235

https://www.phoenixcontact.com/us/products/2938235



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.



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POWER MANAGEMENT SUITE - Configuration software

1252232

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Configuration and management software

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