

QUINT4-UPS/24DC/24DC/5/USB - Uninterruptible power supply



2906991

<https://www.phoenixcontact.com/us/products/2906991>

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QUINT UPS, IQ Technology, USB, DIN rail mounting, Screw connection, input: 24 V DC, output: 24 V DC / 5 A, charging current: 1.5 A

Product description

The intelligent QUINT UPS for integration into established industrial networks: your systems continue to be supplied with uninterrupted power, even in the event of a mains failure. The battery management system with IQ Technology and a powerful battery charger ensures superior system availability.

Your advantages

- Easy integration into networks using PROFINET, EtherNet/IP, EtherCAT® and USB interfaces
- Evaluation of state of health (SOH) and state of charge (SOC), thanks to the intelligent battery management system (BMS)
- Automatic recognition of the battery capacities and technologies (VRLA-WTR, LI-ION)
- Monitoring of output current and voltage, as well as manual connection and disconnection of the system
- SFB Technology selectively trips standard miniature circuit breakers. Loads connected in parallel continue working.

Commercial data

| | |
|--------------------------------------|---------------|
| Item number | 2906991 |
| Packing unit | 1 pc |
| Minimum order quantity | 1 pc |
| Sales key | CM21 |
| Product key | CMUI43 |
| GTIN | 4055626171234 |
| Weight per piece (including packing) | 525.2 g |
| Weight per piece (excluding packing) | 454 g |
| Customs tariff number | 85371091 |
| Country of origin | CN |

QUINT4-UPS/24DC/24DC/5/USB - Uninterruptible power supply



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Technical data

Input data

| | |
|---|---|
| Input voltage | 24 V DC |
| Input voltage range | 18 V DC ... 30 V DC |
| | 18 V DC ... 32 V DC |
| Electric strength, max. | 35 V DC (Protected against polarity reversal) |
| Internal input fuse | no |
| Voltage type of supply voltage | DC |
| Inrush current | $\leq 7 \text{ A}$ ($\leq 4 \text{ ms}$) |
| Reverse polarity protection | yes |
| Fixed backup threshold | 22 V DC |
| Dynamic activation threshold | $> 1 \text{ V} / 100 \text{ ms}$ |
| Switch-on time | max. 3 s |
| Switch-on time during battery operation (Bat.-Start) | 8 s |
| Voltage drop, input/output | 0.3 V DC |
| Current consumption I_N (U_N , $I_{OUT} = I_N$, $I_{charge} = 0$) | 5.1 A |
| Current consumption I_{max} (U_N , $I_{OUT} = I_{Stat.Boost}$, $I_{charge} = max$) | 8.3 A |
| Current consumption $I_{No-Load}$ (U_N , $I_{OUT} = 0$, $I_{charge} = 0$) | 45 mA |
| Current consumption I_{charge} (U_N , $I_{OUT} = 0$, $I_{charge} = max$) | 1.8 A |
| Power consumption P_N (U_N , $I_{OUT} = I_N$, $I_{charge} = 0$) | 121 W |
| Power consumption P_{max} (U_N , $I_{OUT} = I_{Stat.Boost}$, $I_{charge} = max$) | 211 W |
| Power consumption $P_{No-Load}$ (U_N , $I_{OUT} = 0$, $I_{charge} = 0$) | 1.1 W |
| Power consumption P_{charge} (U_N , $I_{OUT} = 0$, $I_{charge} = max$) | 43 W |

Output data

| | |
|--|---|
| Efficiency | typ. 98 % |
| Number of outputs | 1 |
| Short-circuit-proof | yes |
| No-load proof | yes |
| Switch-over time | 0 ms |
| UPS connection in parallel | yes, with decoupling modules (to increase the buffer time and for redundancy) |
| UPS connection in series | no |
| Energy storage device connection in parallel | Yes, 5 (observe line protection) |
| Energy storage device connection in series | no |

Mains operation

| | |
|----------------------|---|
| Output voltage | 24 V DC ($U_{OUT} = U_{IN} - 0.3 \text{ V DC}$) |
| Output voltage range | 18 V DC ... 30 V DC ($U_{Out} = U_{In} - 0.3 \text{ V DC}$) |
| | 18 V DC ... 32 V DC |
| Output current I_N | 5 A |

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| | |
|---|--------------|
| Static Boost ($I_{\text{Stat.Boost}}$) | 6.25 A |
| Dynamic Boost ($I_{\text{Dyn.Boost}}$) | 10 A (5 s) |
| Selective Fuse Breaking (I_{SFB}) | 30 A (15 ms) |
| Output power P_{OUT} (U_{N} , $I_{\text{OUT}} = I_{\text{N}}$) | 120 W |
| Output power P_{OUT} (U_{N} , $I_{\text{OUT}} = I_{\text{stat.Boost}}$) | 155 W |
| Output power P_{OUT} (U_{N} , $I_{\text{OUT}} = I_{\text{dyn.Boost}}$) | 240 W (5 s) |
| Power dissipation No load (U_{N} , $I_{\text{Out}} = 0$, $I_{\text{Charge}} = 0$) | 1 W |
| Power dissipation Nominal load (U_{N} , $I_{\text{Out}} = I_{\text{N}}$, $I_{\text{Charge}} = 0$) | 3 W |

Battery operation

| | |
|---|--|
| Output voltage | 24 V DC ($U_{\text{OUT}} = U_{\text{BAT}} - 0.3 \text{ V DC}$) |
| Output voltage range | 19 V DC ... 32 V DC ($U_{\text{OUT}} = U_{\text{BAT}} - 0.3 \text{ V DC}$) |
| Output current I_{N} | 5 A |
| Static Boost ($I_{\text{Stat.Boost}}$) | 6.25 A |
| Selective Fuse Breaking (I_{SFB}) | 30 A (15 ms) |
| Output power P_{OUT} (U_{N} , $I_{\text{OUT}} = I_{\text{N}}$) | 120 W |
| Output power P_{OUT} (U_{N} , $I_{\text{OUT}} = I_{\text{stat.Boost}}$) | 150 W |
| Output power P_{OUT} (U_{N} , $I_{\text{OUT}} = I_{\text{dyn.Boost}}$) | 240 W (5 s) |
| Power dissipation No load (U_{N} , $I_{\text{Out}} = 0$, $I_{\text{Charge}} = 0$) | 2 W |
| Power dissipation Nominal load (U_{N} , $I_{\text{Out}} = I_{\text{N}}$, $I_{\text{Charge}} = 0$) | 3 W |

Energy storage

| | |
|---|------------------------|
| End-of-charge voltage | 32 V DC |
| End-of-charge voltage (temperature-compensated) | 25 V DC ... 32 V DC |
| Charging current (configurable) | max. 1.5 A |
| Nominal capacity (without additional charger) | 0.8 Ah ... 30 Ah |
| Max. capacity | 40 Ah |
| Charging time | 2.5 h (3.4 Ah) |
| Buffer time | 25 min (3.4 Ah) |
| Deep discharge protection (configurable) | 19.2 V DC |
| Battery technology | VRLA, VRLA-WTR, LI-ION |
| Charge characteristic curve | IU_0U |
| IQ-Technology | yes |
| Temperature sensor | yes |
| Temperature compensation (configurable) | 42 mV/K |

Connection data

Input

| | |
|----------|-----|
| Position | 1.x |
|----------|-----|

Conductor connection

| | |
|-------------------|---------------------|
| Connection method | Screw connection |
| rigid | 0.2 mm² ... 2.5 mm² |

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| | |
|--|-------------------------|
| flexible | 0.2 mm² ... 2 mm² |
| flexible with ferrule without plastic sleeve | 0.2 mm² ... 2.5 mm² |
| flexible with ferrule with plastic sleeve | 0.2 mm² ... 2.5 mm² |
| rigid (AWG) | 30 ... 12 (Cu) |
| Stripping length | 6.5 mm (rigid/flexible) |
| Tightening torque | 0.5 Nm ... 0.6 Nm |
| Drive form screw head | Slotted L |

Output

| | |
|----------|-----|
| Position | 2.x |
|----------|-----|

Conductor connection

| | |
|--|-------------------------|
| Connection method | Screw connection |
| rigid | 0.2 mm² ... 2.5 mm² |
| flexible | 0.2 mm² ... 2.5 mm² |
| flexible with ferrule without plastic sleeve | 0.2 mm² ... 2.5 mm² |
| flexible with ferrule with plastic sleeve | 0.2 mm² ... 2.5 mm² |
| rigid (AWG) | 30 ... 12 (Cu) |
| Stripping length | 6.5 mm (rigid/flexible) |
| Tightening torque | 0.5 Nm ... 0.6 Nm |
| Drive form screw head | Slotted L |

Signal

| | |
|----------|-----|
| Position | 3.x |
|----------|-----|


Conductor connection

| | |
|--|--|
| Connection method | Push-in connection |
| rigid | 0.2 mm² ... 1 mm² |
| flexible | 0.2 mm² ... 1 mm² |
| flexible with ferrule without plastic sleeve | 0.2 mm² ... 0.75 mm² (Cu) 0.5 mm² (recommended) |
| flexible with ferrule with plastic sleeve | 0.2 mm² ... 0.75 mm² |
| rigid (AWG) | 24 ... 16 (Cu) |
| Stripping length | 8 mm (rigid/flexible) |

Battery

| | |
|----------|-----|
| Position | 4.x |
|----------|-----|

Connection technology

| | |
|------------------|--|
| Position marking | 4.1 (+), 4.2 (-), 4.3 (⏏  |
|------------------|--|

Conductor connection

| | |
|--|---------------------|
| Connection method | Screw connection |
| rigid | 0.2 mm² ... 2.5 mm² |
| flexible | 0.2 mm² ... 2.5 mm² |
| flexible with ferrule without plastic sleeve | 0.2 mm² ... 2.5 mm² |

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| | |
|---|-------------------------|
| flexible with ferrule with plastic sleeve | 0.2 mm² ... 2.5 mm² |
| rigid (AWG) | 30 ... 12 (Cu) |
| Stripping length | 6.5 mm (rigid/flexible) |
| Tightening torque | 0.5 Nm ... 0.6 Nm |
| Drive form screw head | Slotted L |

Interfaces

Communication

| | |
|----------------------|--|
| Slave address | 192 |
| Start bit | 1 |
| Data bits | 8 |
| Parity | even |
| Stop bit | 1 |
| Interface | USB |
| Number of interfaces | 1 |
| Connection method | MINI-USB Type B |
| Supported protocols | Modbus/RTU |
| Connection marking | X1 |
| Locking | Screw |
| Transmission physics | USB 2.0 |
| Topology | Point-to-point |
| Transmission speed | 9600 baud ... 115200 baud (Default: 115200 baud) |
| Transmission length | max. 5 m |
| Access time | ≤ 2 s |
| Chipset | Silicon Labs CP210x |
| Electrical isolation | Yes, UL approved |

Signaling

LED signaling

| | |
|--------------------|--------------------|
| Types of signaling | DC OK (green) |
| | Alarm (red) |
| | Bat.-Mode (yellow) |
| | SOC (red, green) |
| | Data (red, green) |

Product properties

| | |
|----------------------------|---------------------|
| Product type | DC UPS |
| Product family | QUINT UPS |
| MTBF (IEC 61709, SN 29500) | > 1430000 h (25 °C) |
| | > 916900 h (40 °C) |
| | > 480100 h (60 °C) |
| RoHS Directive 2011/65/EU | |

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| | |
|---|------------------|
| Environmental protection directive | WEEE |
| | Reach |
| Insulation characteristics | |
| Protection class | III (without PE) |
| Degree of pollution | 2 |
| Life expectancy (electrolytic capacitors) | |
| Time | 224011 h |

Dimensions

Item dimensions

| | |
|--|---|
| Width | 35 mm |
| Height | 130 mm |
| Depth | 125 mm |
| Depth (Device depth (DIN rail mounting)) | 125 mm (Device depth (DIN rail mounting)) |

Item dimensions with alternative mounting

| | |
|--------|--------|
| Width | 123 mm |
| Height | 130 mm |
| Depth | 37 mm |

Installation dimensions

| | |
|--|---------------------------------------|
| Installation distance right/left (active) | 5 mm / 5 mm ($P_{Out} \geq 50\%$) |
| Installation distance right/left (passive) | 0 mm / 0 mm ($P_{Out} \geq 50\%$) |
| Installation distance right/left (active, passive) | 0 mm / 0 mm ($P_{Out} \leq 50\%$) |
| Installation distance top/bottom (active) | 50 mm / 50 mm ($P_{Out} \geq 50\%$) |
| Installation distance top/bottom (passive) | 40 mm / 20 mm ($P_{Out} \geq 50\%$) |
| Installation distance top/bottom (active, passive) | 40 mm / 20 mm ($P_{Out} \leq 50\%$) |

Mounting

| | |
|-------------------|--|
| Mounting type | DIN rail mounting |
| Mounting position | On horizontal DIN rail NS 35/7.5 and NS 35/15 acc. to EN 60715 |

Material specifications

| | |
|--|------------------------|
| Flammability rating according to UL 94 (housing / terminal blocks) | V0 |
| Housing material | Metal |
| Hood version | Stainless steel X6Cr17 |
| Side element version | Aluminum AlMg3 |

Environmental and real-life conditions

Ambient conditions

| | |
|----------------------|------|
| Degree of protection | IP20 |
|----------------------|------|

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| | |
|--|---|
| 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 |
| Climatic class | 3K3 (EN 60721) |
| Max. permissible relative humidity (operation) | ≤ 95 % (at 25 °C, non-condensing) |
| Shock | 18 ms, 30g, in each space direction (according to IEC 60068-2-27) |
| Vibration (operation) | 2.3g |

Standards and regulations

Overvoltage category

| | |
|----------------|---------------|
| EN 61010-1 | II (≤ 4000 m) |
| EN 61010-2-201 | II (≤ 4000 m) |

Protective extra-low voltage

| | |
|--------------------------|------------------------------|
| Standard designation | Protective extra-low voltage |
| Standards/specifications | IEC 61010-1 (SELV) |
| | IEC 61010-2-201 (PELV) |

Approvals

UL

| | |
|----------------|---------------------------|
| Identification | UL/C-UL Listed UL 61010-1 |
|----------------|---------------------------|

UL

| | |
|----------------|-------------------------------|
| Identification | UL/C-UL Listed UL 61010-2-201 |
|----------------|-------------------------------|

UL

| | |
|----------------|---|
| Identification | UL/C-UL Listed ANSI/ISA-12.12.01 Class I, Division 2, Groups A, B, C, D T4 (Hazardous Location) |
|----------------|---|

CSA

| | |
|----------------|------------------------------|
| Identification | CAN/CSA-C22.2 No. 61010-1-12 |
|----------------|------------------------------|

CSA

| | |
|----------------|-------------------------|
| Identification | CAN/CSA-IEC 61010-2-201 |
|----------------|-------------------------|

CSA

| | |
|----------------|--|
| Identification | CAN/CSA-C22.2 No. 213 Class I, Division 2, Groups A, B, C, D T4 (Hazardous Location) |
|----------------|--|

CB scheme

| | |
|----------------|-------------|
| Identification | IEC 61010-1 |
|----------------|-------------|

CB scheme

| | |
|----------------|-----------------|
| Identification | IEC 61010-2-201 |
|----------------|-----------------|

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DNV

| | |
|----------------|--|
| Identification | Class Guideline DNVGL-CG-0339 |
| Note | Location classes: Temperature D (see Application/Limitation), Humidity B, Vibration A/C, EMC B |

EMC data

| | |
|-------------------------------------|--|
| Electromagnetic compatibility | Conformance with EMC Directive 2014/30/EU |
| Low Voltage Directive | Conformance with Low Voltage Directive 2014/35/EC |
| EMC requirements for noise emission | EN 61000-6-3 |
| | EN 61000-6-4 |
| EMC requirements for noise immunity | EN 61000-6-1 |
| | EN 61000-6-2 |
| Noise immunity | Immunity in accordance with EN 61000-6-1 (residential), EN 61000-6-2 (industrial), and EN 61000-6-5 (switching devices), IEC/EN 61850-3 (power supply) |

Noise emission

| | |
|-----------------------|---|
| Standards/regulations | Additional basic standard EN 61000-6-5 (immunity in switching devices), IEC/EN 61850-3 (power supply) |
|-----------------------|---|

Electrostatic discharge

| | |
|-----------------------|--------------|
| Standards/regulations | EN 61000-4-2 |
|-----------------------|--------------|

Electrostatic discharge

| | |
|-------------------|----------------------|
| Contact discharge | 8 kV (Test Level 4) |
| Discharge in air | 15 kV (Test Level 4) |
| Comments | Criterion B |

Electromagnetic HF field

| | |
|-----------------------|--------------|
| Standards/regulations | EN 61000-4-3 |
|-----------------------|--------------|

Electromagnetic HF field

| | |
|---------------------|-----------------------|
| Frequency range | 80 MHz ... 1 GHz |
| Test field strength | 20 V/m (Test Level 3) |
| Frequency range | 1 GHz ... 6 GHz |
| Test field strength | 10 V/m (Test Level 3) |
| Frequency range | 1 GHz ... 6 GHz |
| Test field strength | 10 V/m (Test Level 3) |
| Comments | Criterion A |

Fast transients (burst)

| | |
|-----------------------|--------------|
| Standards/regulations | EN 61000-4-4 |
|-----------------------|--------------|

Fast transients (burst)

| | |
|--------|------------------------------------|
| Input | 4 kV (Test Level 4 - asymmetrical) |
| Output | 4 kV (Test Level 4 - asymmetrical) |

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| | |
|----------|------------------------------------|
| Signal | 4 kV (Test Level 4 - asymmetrical) |
| Comments | Criterion B |

Surge voltage load (surge)

| | |
|-----------------------|--------------|
| Standards/regulations | EN 61000-4-5 |
|-----------------------|--------------|

Surge voltage load (surge)

| | |
|----------|------------------------------------|
| Input | 1 kV (Test Level 3 - symmetrical) |
| | 2 kV (Test Level 3 - asymmetrical) |
| Output | 1 kV (Test Level 3 - symmetrical) |
| | 2 kV (Test Level 3 - asymmetrical) |
| Signal | 1 kV (Test Level 2 - asymmetrical) |
| Comments | Criterion B |

Conducted interference

| | |
|-----------------------|--------------|
| Standards/regulations | EN 61000-4-6 |
|-----------------------|--------------|

Conducted interference

| | |
|---------------------|---------------------|
| Input/output/signal | asymmetrical |
| Frequency range | 0.15 MHz ... 80 MHz |
| Comments | Criterion A |
| Voltage | 10 V (Test Level 3) |

Power frequency magnetic field

| | |
|-----------------------|-----------------|
| Standards/regulations | EN 61000-4-8 |
| Frequency | 16.67 Hz |
| | 50 Hz |
| | 60 Hz |
| Test field strength | 100 A/m |
| Additional text | 60 s |
| Comments | Criterion A |
| Frequency | 50 Hz |
| | 60 Hz |
| Frequency range | 50 Hz ... 60 Hz |
| Test field strength | 1 kA/m |
| Additional text | 3 s |
| Frequency | 0 Hz |
| Test field strength | 300 A/m |
| Additional text | DC, 60 s |

Criteria

| | |
|-------------|--|
| Criterion A | Normal operating behavior within the specified limits. |
| Criterion B | Temporary impairment to operational behavior that is corrected by the device itself. |

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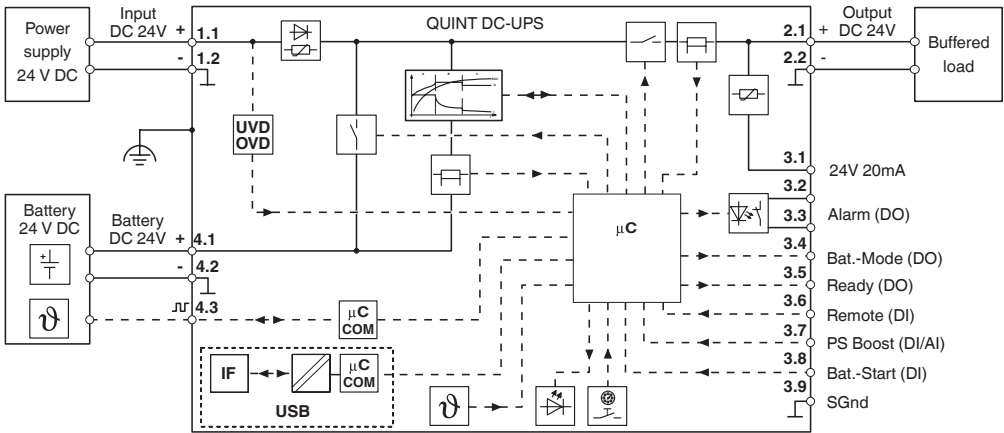


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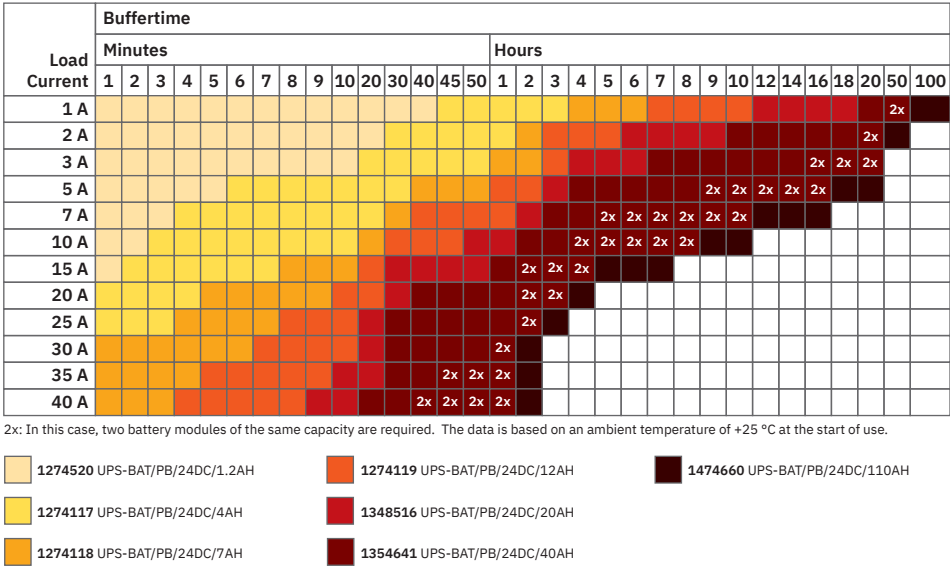
Drawings

Block diagram



Block diagram

Graphic



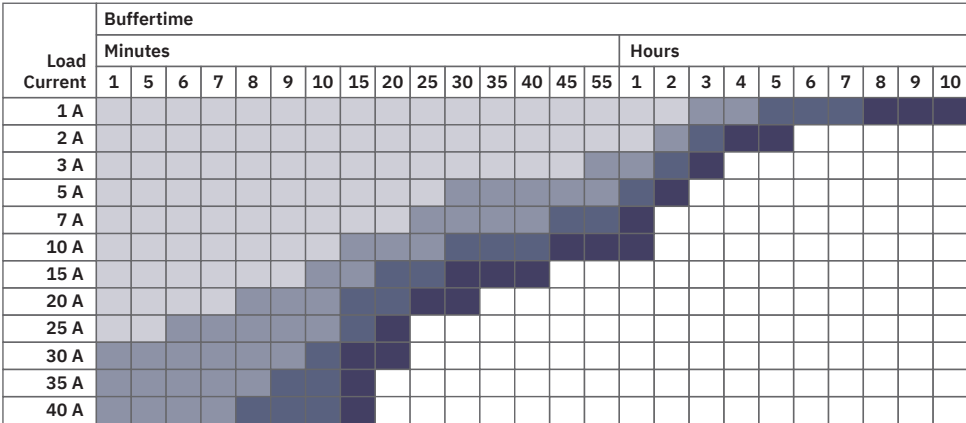
QUINT DC UPS buffer times for PB battery module

QUINT4-UPS/24DC/24DC/5/USB - Uninterruptible power supply



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Graphic

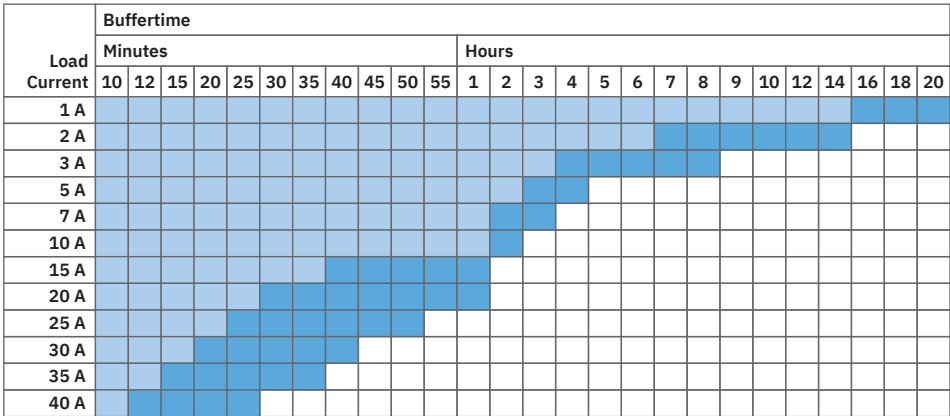


The data is based on an ambient temperature of +25 °C at the start of use.

1460921 UPS-BAT/LI/24DC/64WH 1460922 UPS-BAT/LI/24DC/189WH
1396415 UPS-BAT/LI/24DC/128WH 1460923 UPS-BAT/LI/24DC/284WH

QUINT DC UPS buffer times for LI battery module

Graphic



The data is based on an ambient temperature of +25 °C at the start of use.

2320416 UPS-BAT/VRLA-WTR/24DC/13AH 2320429 UPS-BAT/VRLA-WTR/24DC/26AH

QUINT DC UPS buffer times and VRLA-WTR battery module


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Approvals

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EAC

Approval ID: RU S-DE.BL08.W.00764



UL Listed

Approval ID: E123528



cUL Listed

Approval ID: E123528



EAC

Approval ID: RU-DE.B.00184/20

DNV

Approval ID: TAA00002K4



KC

Approval ID: R-R-PCK-2906991



LR

Approval ID: LR21417906TA



NK

Approval ID: TA22372M



BV

Approval ID: 69394/A0 BV



RINA

Approval ID: ELE382621XG

ABS

Approval ID: 23-2416092-PDA

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IECEE CB Scheme

Approval ID: DK-68191-M1-UL



cUL Listed

Approval ID: E199827



UL Listed

Approval ID: E199827

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Classifications

ECLASS

| | |
|-------------|----------|
| ECLASS-13.0 | 27040705 |
| ECLASS-15.0 | 27040705 |

ETIM

| | |
|----------|----------|
| ETIM 9.0 | EC000382 |
|----------|----------|

UNSPSC

| | |
|-------------|----------|
| UNSPSC 21.0 | 39121000 |
|-------------|----------|

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Environmental product compliance

| | |
|---|---|
| EU RoHS | |
| Fulfills EU RoHS substance requirements | Yes |
| Exemption | 7(a), 7(c)-I |
| 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.) | Diboron trioxide(CAS: 1303-86-2) |
| | Lead(CAS: 7439-92-1) |
| SCIP | bab5c7da-dd2b-421b-b2e7-d7fad6ebb1c8 |
| EF3.0 Climate Change | |
| CO2e kg | 18.75 kg CO2e |

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Mandatory accessories

UPS-BAT/PB/24DC/1.2AH - Battery module

1274520

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Battery module (device with battery), VRLA-AGM, 24 V DC, 1.2 Ah, automatic detection and communication with QUINT UPS-IQ

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

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

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

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

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

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

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

1348516

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

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

1354641

<https://www.phoenixcontact.com/us/products/1354641>



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

QUINT4-UPS/24DC/24DC/5/USB - Uninterruptible power supply



2906991

<https://www.phoenixcontact.com/us/products/2906991>

UPS-BAT/LI/24DC/128WH - Battery module

1396415

<https://www.phoenixcontact.com/us/products/1396415>



Battery module (device with battery), Lithium-Ion (LiFePO₄), 24 V DC, 128 Wh. For use with a QUINT UPS for ambient temperatures (charging) of 0°C ... 60°C and a maximum charging current of 5 A. For charging below 0°C, please note the permissible UPS V/C level.

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

2320416

<https://www.phoenixcontact.com/us/products/2320416>



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

QUINT4-UPS/24DC/24DC/5/USB - Uninterruptible power supply



2906991

<https://www.phoenixcontact.com/us/products/2906991>

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

2320429

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



Battery module (device with battery), lead AGM, VRLA technology 24 V DC, 26 Ah, tool-free battery change, automatic detection, and communication with QUINT UPS-IQ

UPS-BAT/LI/24DC/64WH - Battery module

1460921

<https://www.phoenixcontact.com/us/products/1460921>



Battery module (device with battery), Lithium-Ion (LiFePO_4), 24 V DC, 64 Wh

Accessories

QUINT4-UPS/24DC/24DC/5/USB - Uninterruptible power supply



2906991

<https://www.phoenixcontact.com/us/products/2906991>

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.

QUINT4-UPS/24DC/24DC/5/USB - Uninterruptible power supply



2906991

<https://www.phoenixcontact.com/us/products/2906991>

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.

POWER MANAGEMENT SUITE - Configuration software

1252232

<https://www.phoenixcontact.com/us/products/1252232>



Configuration and management software

QUINT4-UPS/24DC/24DC/5/USB - Uninterruptible power supply



2906991

<https://www.phoenixcontact.com/us/products/2906991>

UPS-CONF - Configuration software

2320403

<https://www.phoenixcontact.com/us/products/2320403>



Configuration software for QUINT UPS IQ and TRIO UPS uninterruptible power supplies (available for free under Downloads).

QUINT4-PS/1AC/24DC/5 - Power supply

2904600

<https://www.phoenixcontact.com/us/products/2904600>



Primary-switched QUINT POWER power supply with free choice of output characteristic curve, SFB (selective fuse breaking) technology, and NFC interface, input: 1-phase, output: 24 V DC/5 A

QUINT4-UPS/24DC/24DC/5/USB - Uninterruptible power supply



2906991

<https://www.phoenixcontact.com/us/products/2906991>

QUINT4-PS/3AC/24DC/5 - Power supply

2904620

<https://www.phoenixcontact.com/us/products/2904620>



Primary-switched QUINT POWER power supply with free choice of output characteristic curve, SFB (selective fuse breaking) technology, and NFC interface, input: 3-phase, output: 24 V DC/5 A

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