

Your advantages at a glance

The first intelligent QUINT DC UPS for integration into established industrial networks.

Easy integration into industrial networks

- PROFINET
- EtherNet/IP
- EtherCAT

Intelligent battery management

- · Automatic battery detection: VRLA, VRLA-WTR, and LiFePo4 battery technologies with different capacities.
- IQ Technology: reliable determination of remaining service life in months and remaining buffer times in minutes.

Extended load management

- Energy monitoring
- PC shutdown function
- · Cold start function





IQ Technology [□] Designed by PHOENIX CONTACT

QUINT DC UPS

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Industrial Ethernet

The QUINT DC UPS can be easily integrated into any Industrial Ethernet network via a large number of interfaces.

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SOH

Detects the

connected battery

type and maximizes

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the remaining service

 All network technologies are available in all four performance classes (5 A, 10 A, 20 A, and 40 A).

2-port switch

• These uninterruptible power supplies can be flexibly integrated into existing industrial networks using the built-in 2-port switch.

Function blocks

- We include the appropriate function blocks for the following engineering environments with every delivery:
- PC Worx
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UPS-BAT/LI-ION...

- Long service life with long buffer
- Lithium iron phosphate technology
- 120 Wh, 924 Wh



UPS-BAT/VRLA-WTR... (Valve Regulated Lead Acid / Wide Temperature Range)

- Maximum buffer times at extreme temperatures
- Pure lead AGM (Absorbent Glass Mat) technology
- 13 Ah, 26 Ah



UPS-BAT/VRLA... (Valve Regulated Lead Acid)

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- 1.3 Ah, 3.4 Ah, 7.2 Ah, 12 Ah, 38 Ah

PHOENIX CONTACT Deutschland GmbH Flachsmarktstraße 8

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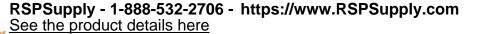
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Intelligent with pure sine wave
QUINT AC UPS

Your advantages at a glance

The QUINT AC UPS supplies a pure sine wave at the output during grid and battery operation.

Smooth transition thanks to online topology

Classification in accordance with EN 62040-3: VFI-SS-111

Pure sine wave in grid and battery operation

 The sine wave generated in battery operation is synchronized to the previously supplied grid electricity

Convection cooling

Fan-free heat dissipation via convection cooling

USB interface

For connecting with industry PCs and controllers

Startup from energy storage

Even without power supply input

Can be switched in parallel

For redundancy and increased performance

Comprehensive signaling and parameterization

- Floating relay contacts
- Signal contacts

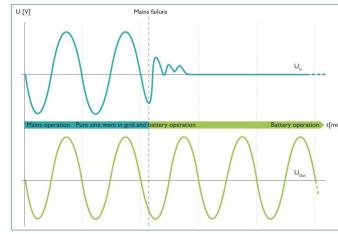
Optimum use of the buffer time and preventive monitoring of the energy storage

Battery management system

QUINT AC UPS

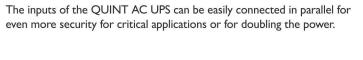


Description	QUINT AC OFS 700 WIRVA
Туре	QUINT4 UPS/1AC/1AC/1KVA
WxHxD in mm	290 x 130 x 125
Nominal input voltage	120 V AC 230 V DC
Nominal output voltage	120 V AC 230 V DC
Apparent/active power	1000 VA/900 W
Order no.	2320283

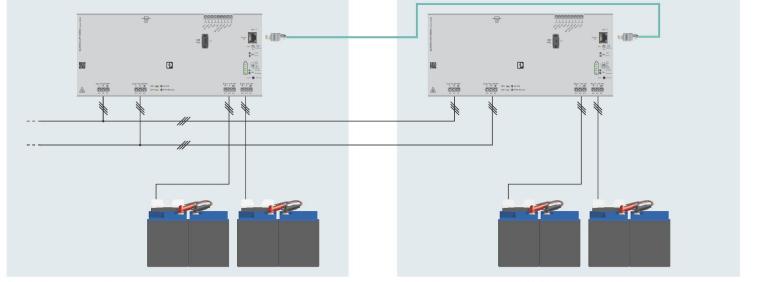


Seamless switchover with a true sine wave: in the event of mains failure, the dual converter technology switches the UPS over seamlessly. The load is permanently supplied with pure sinusoidal voltage.

Parallel setup for redundancy or increased performance



The output voltages (phase relation) of the UPS modules are synchronized in real time via the parallel port.



Parallel connection in six easy steps

- 1. Install the first QUINT AC UPS (fig. on left)
- Simply configure this QUINT AC UPS as the master UPS using the rotary selector switch (increased power or

Master 2kVA Power Single Master 1kVA Redundancy

- 3. Install the second QUINT AC UPS (fig. on right)
- Simply configure this QUINT AC UPS as the slave UPS using the rotary selector switch
- Connect the two uninterruptible power supplies (master and slave UPS) with a standard RJ45 patch cable
- 6. Start up the redundant system



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32825 Blomberg, Germany Tel.: +49 (0) 52 35 31 20 00 Fax: +49 (0) 52 35 31 29 99 E-mail: info@phoenixcontact.de

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Intelligent with pure sine wave
QUINT AC UPS

Your advantages at a glance

The QUINT AC UPS supplies a pure sine wave at the output during grid and battery operation.

Smooth transition thanks to online topology

Classification in accordance with EN 62040-3: VFI-SS-111

Pure sine wave in grid and battery operation

 The sine wave generated in battery operation is synchronized to the previously supplied grid electricity

Convection cooling

Fan-free heat dissipation via convection cooling

USB interface

For connecting with industry PCs and controllers

Startup from energy storage

Even without power supply input

Can be switched in parallel

For redundancy and increased performance

Comprehensive signaling and parameterization

- Floating relay contacts
- Signal contacts

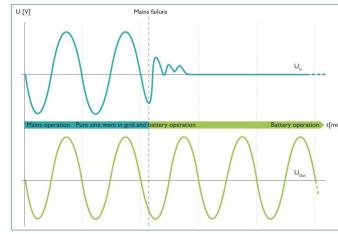
Optimum use of the buffer time and preventive monitoring of the energy storage

Battery management system

QUINT AC UPS

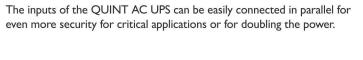


Description	QUINT AC OFS 700 WIRVA
Туре	QUINT4 UPS/1AC/1AC/1KVA
WxHxD in mm	290 x 130 x 125
Nominal input voltage	120 V AC 230 V DC
Nominal output voltage	120 V AC 230 V DC
Apparent/active power	1000 VA/900 W
Order no.	2320283

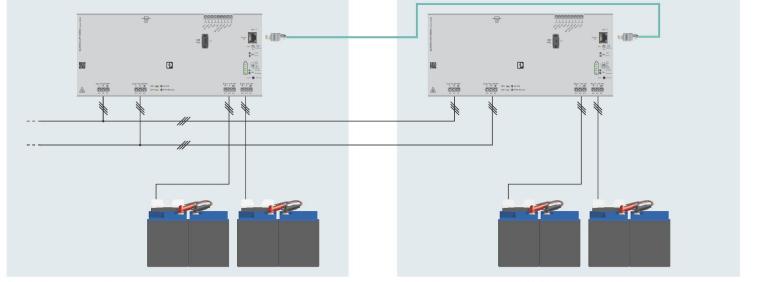


Seamless switchover with a true sine wave: in the event of mains failure, the dual converter technology switches the UPS over seamlessly. The load is permanently supplied with pure sinusoidal voltage.

Parallel setup for redundancy or increased performance



The output voltages (phase relation) of the UPS modules are synchronized in real time via the parallel port.



Parallel connection in six easy steps

- 1. Install the first QUINT AC UPS (fig. on left)
- Simply configure this QUINT AC UPS as the master UPS using the rotary selector switch (increased power or

Master 2kVA Power Single Master 1kVA Redundancy

- 3. Install the second QUINT AC UPS (fig. on right)
- Simply configure this QUINT AC UPS as the slave UPS using the rotary selector switch
- Connect the two uninterruptible power supplies (master and slave UPS) with a standard RJ45 patch cable
- 6. Start up the redundant system



Energy storage

With the energy storage units for our modular system of uninterruptible power supplies, you always have the optimum solution on hand for your system. You need two energy storage units per UPS.



UPS-BAT/LI-ION...

- Long service life with long buffer times
- Lithium iron phosphate technology
- 120 WH, 924 Wh



UPS-BAT/VRLA-WTR... (Valve Regulated Lead Acid / Wide Temperature Range)

- Maximum buffer times at extreme temperatures
- Pure lead AGM (Absorbent Glass Mat) technology
- 13 Ah, 26 Ah



UPS-BAT/VRLA... (Valve Regulated Lead Acid)

- Maximum buffer times
- Lead AGM (Absorbent Glass Mat) technology
- 7.2 Ah, 12 Ah, 38 Ah

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- Pure lead AGM (Absorbent Glass

(Valve Regulated Lead Acid)

- Maximum buffer times
- Lead AGM (Absorbent Glass Mat)



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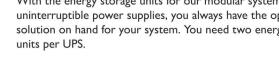


(Valve Regulated Lead Acid / Wide Temperature Range)

- Maximum buffer times at extreme
- Mat) technology
- 13 Ah, 26 Ah

UPS-BAT/VRLA...

- technology
- 7.2 Ah, 12 Ah, 38 Ah







UPS-BAT/VRLA-WTR...

- temperatures

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350 330

Intelligent with pure sine wave QUINT AC UPS

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DO ME & ACRE DOS MARKETONS



Your advantages at a glance

• The sine wave generated in battery operation is synchronized to the previously supplied grid electricity

Convection cooling

· Fan-free heat dissipation via convection cooling

USB interface

For connecting with industry PCs and controllers

Startup from energy storage

Even without power supply input

Can be switched in parallel

For redundancy and increased performance

Comprehensive signaling and parameterization Floating relay contacts

Signal contacts

Optimum use of the buffer time and preventive monitoring

· Battery management system

of the energy storage

Seamless switchover with a true sine wave: in the event of mains failure, the dual converter technology switches the UPS over seamlessly. The load is permanently supplied with pure sinusoidal voltage.

QUINT AC UPS

Description

WxHxD in mm

Nominal input voltage

Nominal output voltage

Apparent/active power

IQ Technology

Designed by PHOENIX CONTACT

QUINT AC UPS 900W/1kVA

QUINT4 UPS/1AC/1AC/1KVA

290 x 130 x 125

120 V AC ... 230 V DC

120 V AC ... 230 V DC

1000 VA/900 W

2320283

Parallel connection in six easy steps 1. Install the first QUINT AC UPS (fig. on left)

2. Simply configure this QUINT AC UPS as the master UPS using the rotary selector switch (increased power or

Parallel setup for redundancy or increased performance

The inputs of the QUINT AC UPS can be easily connected in parallel for

even more security for critical applications or for doubling the power.

ONE TON THE STATES



Master 2kVA Power Single Master 1kVA Redundancy 3. Install the second QUINT AC UPS (fig. on right) 4. Simply configure this QUINT AC UPS as the slave UPS using the rotary

The output voltages (phase relation) of the UPS modules are

synchronized in real time via the parallel port.

Ongs of Line and Acox

selector switch 5. Connect the two uninterruptible power supplies

(master and slave UPS) with a standard RJ45 patch cable

6. Start up the redundant system









Intelligent with pure sine wave
QUINT AC UPS

Your advantages at a glance

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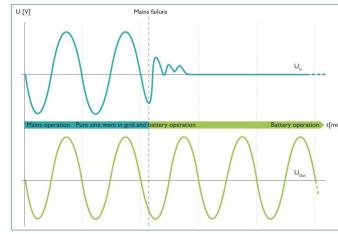
Optimum use of the buffer time and preventive monitoring of the energy storage

Battery management system

QUINT AC UPS

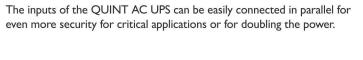


Description	QUINT AC OFS 700 WIRVA
Туре	QUINT4 UPS/1AC/1AC/1KVA
WxHxD in mm	290 x 130 x 125
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Apparent/active power	1000 VA/900 W
Order no.	2320283

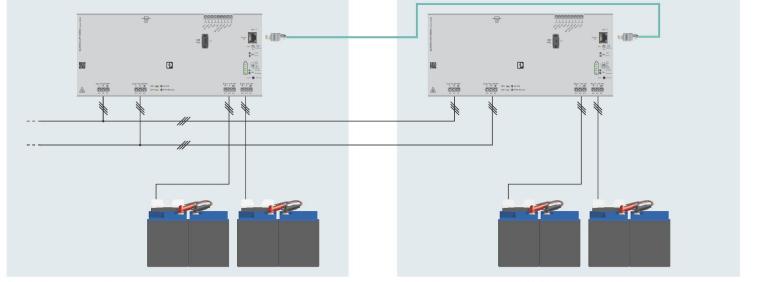


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Parallel setup for redundancy or increased performance



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Energy storage

With the energy storage units for our modular system of uninterruptible power supplies, you always have the optimum solution on hand for your system. You need two energy storage units per UPS.



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- Long service life with long buffer times
- Lithium iron phosphate technology
- 120 WH, 924 Wh



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USB interface

For connecting with industry PCs and controllers

Startup from energy storage

Even without power supply input

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For redundancy and increased performance

Comprehensive signaling and parameterization

- Floating relay contacts
- Signal contacts

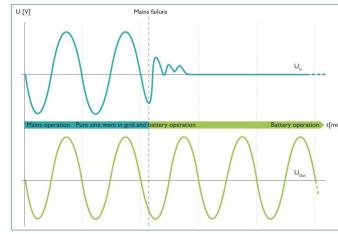
Optimum use of the buffer time and preventive monitoring of the energy storage

· Battery management system

QUINT AC UPS

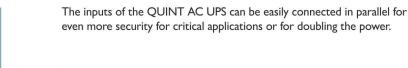


Description	QUINT AC OFS 900 VV/IKVA
Туре	QUINT4 UPS/1AC/1AC/1KVA
WxHxD in mm	290 x 130 x 125
Nominal input voltage	120 V AC 230 V DC
Nominal output voltage	120 V AC 230 V DC
Apparent/active power	1000 VA/900 W
Order no.	2320283

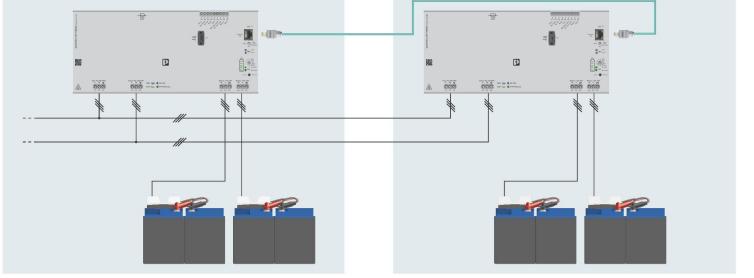


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- 120 WH, 924 Wh



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- 13 Ah, 26 Ah



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Flachsmarktstraße 8

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Tel.: +49 (0) 52 35 31 20 00

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32825 Blomberg, Germany

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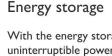
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- Maximum buffer times at extreme
- Pure lead AGM (Absorbent Glass



(Valve Regulated Lead Acid)



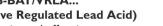
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USB interface

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Startup from energy storage

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2320283

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6. Start up the redundant system

selector switch

patch cable



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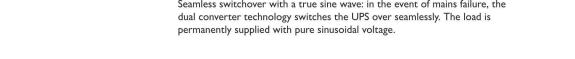
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QUINT AC UPS

Description

WxHxD in mm

Nominal input voltage

Nominal output voltage

Apparent/active power

IQ Technology

Designed by PHOENIX CONTACT



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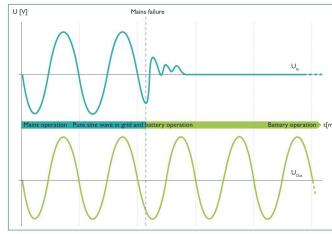
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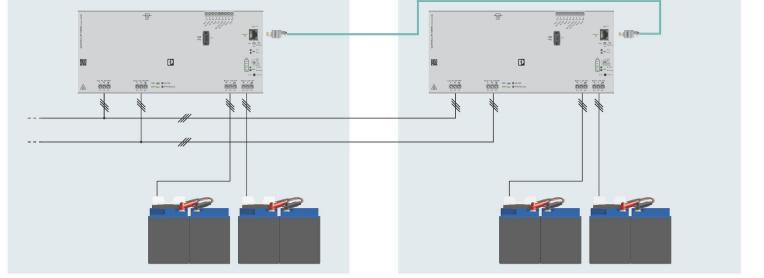


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- 120 WH, 924 Wh



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