

# QUINT-BAT/24DC/12AH - Energy storage



2866365

<https://www.phoenixcontact.com/us/products/2866365>

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Energy storage device, lead AGM, VRLA technology, 24 V DC, 12 Ah. Connection via pin cable lug, 14 mm.

## Product description

QUINT-BAT – energy storage with lead AGM technology for maximum buffer times.

## Commercial data

Item number	2866365
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	CM24
Product key	CMUEV3
Catalog page	Page 303 (C-4-2017)
GTIN	4017918959760
Weight per piece (including packing)	10,052 g
Weight per piece (excluding packing)	9,000 g
Customs tariff number	85072080
Country of origin	CN

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## Technical data

### Input data

Input voltage	24 V DC
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### Output data

Nominal output voltage	24 V DC
Output current $I_{\max}$	50 A
Output fuse	2x 25 A
Connection in parallel	yes, for increasing the buffer period
Connection in series	No

### Battery operation

Nominal output voltage	24 V DC
Nominal output current ( $I_N$ )	50 A

### Energy storage

Nominal capacity	12 Ah
Battery module service life	6 Years ... 9 Years (20 °C)
Latest startup date (battery only)	9 Months (20 °C ... 30 °C)
	6 Months (30 °C ... 40 °C)
Battery technology	VRLA-AGM
Memory medium	Battery 12 Ah
Number of cells	2
Size designation	Block
Battery pack	yes
Disposal	Used batteries must not be thrown away with household waste, they should instead be disposed of in accordance with applicable national regulations.
IQ technology	no
Suitable for fast charging	yes

### Product properties

Product type	Battery unit
Product family	Energy storage
Application	for QUINT DC-UPS 20A/40A
Disposal	Used batteries must not be thrown away with household waste, they should instead be disposed of in accordance with applicable national regulations.
IQ technology	no

### Insulation characteristics

Protection class	III
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### Dimensions

Width	231 mm
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Height	156 mm
Depth	110 mm

## Material specifications

Housing material	Metal
Type of housing	Steel sheet, zinc-plated

## Environmental and real-life conditions

### Ambient conditions

Degree of protection	IP20
Ambient temperature (operation)	0 °C ... 40 °C
Ambient temperature (storage/transport)	0 °C ... 40 °C

## Approvals

Shipbuilding approval	DNV GL (EMC A)
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## Ex data

Suited for EX-applications	No
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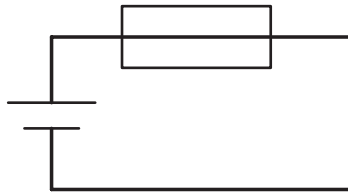
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## Drawings

Block diagram



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## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/2866365>



**EAC**

Approval ID: EAC-Zulassung



**EAC**

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



**EAC**

Approval ID: RU\*DE\*01.B.78948/21

**DNV**

Approval ID: TAA00002EW

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## Classifications

### ECLASS

ECLASS-11.0	27050403
ECLASS-12.0	27050403
ECLASS-13.0	27050403

### ETIM

ETIM 9.0	EC000357
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### UNSPSC

UNSPSC 21.0	26111700
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## Environmental product compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 3
	For information on hazardous substances, refer to the manufacturer's declaration available under "Downloads"

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## Accessories

### QUINT-ADAPTER/4 - Mounting adapter

2866857

<https://www.phoenixcontact.com/us/products/2866857>

Assembly adapter for QUINT-BAT/24DC... on 35mm rail



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### UPS-BAT-KIT/PB/2X12V/12AH - Uninterruptible power supply replacement battery

1283121

<https://www.phoenixcontact.com/us/products/1283121>

Replacement battery, VRLA-AGM, 2x12 V DC, 12 Ah





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## FUSE 25A/32V ATOF - Fuse

2908366

<https://www.phoenixcontact.com/us/products/2908366>

Fuse, nominal current: 25 A, length: 19.1 mm, width: 5 mm, height: 18.8 mm



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## UPS-BAT-KIT-VRLA 2X12V/12AH - Uninterruptible power supply replacement battery

2908235

<https://www.phoenixcontact.com/us/products/2908235>

Please use the following item in new systems: 1274119.  
Replacement battery for UPS-BAT/VRLA... energy storage devices



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