

## Energy storage - UPS-BAT/VRLA/24DC/12AH - 2320322

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Energy storage device, lead AGM, VRLA technology, 24 V DC, 12 Ah, tool-free battery replacement, automatic detection, and communication with QUINT UPS-IQ

### Why buy this product

- Tool-free battery replacement
- Communication with QUINT UPS IQ



### Key Commercial Data

|                                      |           |
|--------------------------------------|-----------|
| Packing unit                         | 1 STK     |
| Weight per Piece (excluding packing) | 10135.0 g |
| Custom tariff number                 | 85072080  |
| Country of origin                    | China     |

### Technical data

#### Dimensions

|        |        |
|--------|--------|
| Width  | 202 mm |
| Height | 202 mm |
| Depth  | 110 mm |

#### Ambient conditions

|  |                |
|--|----------------|
| Degree of protection                           | IP20           |
| Ambient temperature (operation)                | 0 °C ... 40 °C |
| Ambient temperature (storage/transport)        | 0 °C ... 40 °C |
| Max. permissible relative humidity (operation) | ≤ 95 %         |

#### Input data

|                       |                  |
|-----------------------|------------------|
| Nominal input voltage | 24 V DC          |
| Buffer period         | 22.5 min. (20 A) |

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### Technical data

#### Input data

|  |               |
|--|---------------|
|  | 9 min. (40 A) |
|--|---------------|

#### Output data

|                          |         |
|--------------------------|---------|
| Nominal output voltage   | 24 V DC |
| Output current $I_{max}$ | 50 A    |
| Connection in parallel   | 5       |
| Connection in series     | No      |
| Output fuse              | 2x 25 A |

#### General

|                   |   |
|-------------------|---|
| IQ technology     | Yes   |
| Disposal          | Used batteries must not be thrown away with household waste, they should instead be disposed of in accordance with applicable national regulations. They can also be returned to Phoenix Contact or the manufacturer. |
| Net weight        | 8.9 kg  |
| Memory medium     | Lead rechargeable battery module  |
| Protection class  | III   |
| Mounting position | horizontal DIN rail NS 35, EN 60715   |

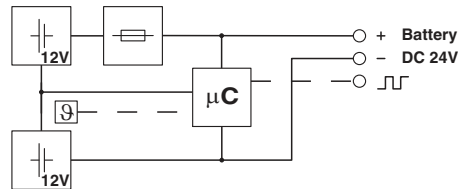
#### Standards and Regulations

|  |  |
|--|--|
| Shock  | 18 ms, 30g, in each space direction (according to IEC 60068-2-27)                  |
| Connection in acc. with standard   | CUL  |
| Standard - Electrical safety   | EN 60950-1/VDE 0805 (SELV)   |
| Standard – Electronic equipment for use in electrical power installations and their assembly into electrical power installations | EN 50178/VDE 0160 (PELV)   |
| UL approvals   | UL/C-UL listed UL 508  |
|  | UL/C-UL Recognized UL 60950  |
|  | UL ANSI/ISA-12.12.01 Class I, Division 2, Groups A, B, C, D (Hazardous Location)   |
| VdS approval   | G 100001   |
| Vibration (operation)  | < 15 Hz, amplitude $\pm 2.5$ mm, 15 - 150 Hz, 2.3g/2.3g according to IEC 60068-2-6 |
|  | 15 Hz ... 150 Hz, 2.3g, 90 min.  |

### Drawings

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Block diagram



## Classifications

### eCl@ss

|            |          |
|------------|----------|
| eCl@ss 4.0 | 27040603 |
| eCl@ss 4.1 | 27040603 |
| eCl@ss 5.0 | 27040603 |
| eCl@ss 5.1 | 27040603 |
| eCl@ss 6.0 | 27040603 |
| eCl@ss 7.0 | 27049201 |
| eCl@ss 8.0 | 27050403 |
| eCl@ss 9.0 | 27050403 |

### ETIM

|          |          |
|----------|----------|
| ETIM 2.0 | EC000382 |
| ETIM 3.0 | EC000382 |
| ETIM 4.0 | EC000357 |
| ETIM 5.0 | EC000357 |

### UNSPSC

|               |          |
|---------------|----------|
| UNSPSC 6.01   | 30211510 |
| UNSPSC 7.0901 | 39121011 |
| UNSPSC 11     | 39121011 |
| UNSPSC 12.01  | 39121011 |
| UNSPSC 13.2   | 39121011 |

## Approvals

### Approvals

#### Approvals

UL Recognized / UL Listed / cUL Recognized / cUL Listed / EAC / ABS / BV / DNV GL / PRS / cULus Recognized / cULus Listed

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## Approvals

Ex Approvals

UL Listed / cUL Listed / cULus Listed

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Approvals submitted

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### Approval details

UL Recognized 

UL Listed 

cUL Recognized 

cUL Listed 

EAC

ABS

BV

|                                |       |
|--------------------------------|-------|
| DNV GL                         |       |
| mm <sup>2</sup> /AWG/kcmil     | 6     |
| Nominal current I <sub>N</sub> | 41 A  |
| Nominal voltage U <sub>N</sub> | 500 V |

PRS

## Energy storage - UPS-BAT/VRLA/24DC/12AH - 2320322

### Approvals



### Accessories

#### Accessories

#### Assembly adapter

Assembly adapters - QUINT-ADAPTER/4 - 2866857

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



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### Fuse

Fuse - SI FORM C 25 A DIN 72581 - 0913757



Flat-type plug-in fuse, type C, color code: white, nominal current: 25 A

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Fuse - FUSE 25A/32V ATOF - 2908366



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