# MINI-BAT/24DC/1.3AH - Battery module

2866417

https://www.phoenixcontact.com/us/products/2866417

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Battery module, lead AGM, VRLA technology, 24 V DC, 1.2 Ah.

## Product description

MINI-BAT – battery module with lead AGM technology for maximum buffer times.

## Your advantages

- Maximum buffer times

## Commercial data

| | |
|---|---|
| Item number | 2866417 |
| Packing unit | 1 pc |
| Minimum order quantity | 1 pc |
| Sales key | CM24 |
| Product key | CMUEV3 |
| Catalog page | Page 353 (C-4-2019) |
| GTIN | 4046356152112 |
| Weight per piece (including packing) | 2,210 g |
| Weight per piece (excluding packing) | 1,700 g |
| Customs tariff number | 85072080 |
| Country of origin | CN |

# Technical data

## Notes

General

| | |
|---|---|
| Note on the battery | This product contains a battery with a limited shelf life that must be charged every few months. The product packaging indicates when the battery must be started up or recharged. The general shelf life can be found in the technical data area under “Latest startup”. |

## Input data

| | |
|---|---|
| Input voltage | 24 V DC |
| Buffer period | 20 min. (2 A) |
| | 5 min. (5 A) |

## Output data

| | |
|---|---|
| Nominal output voltage | 24 V DC |
| Output current $I_{max}$ | 15 A |
| Output fuse | 1x 15 A |
| Connection in parallel | 5 |
| Connection in series | no |

Battery operation

| | |
|---|---|
| Nominal output voltage | 24 V DC |
| Nominal output current ($I_N$) | 15 A |

## Energy storage

| | |
|---|---|
| End-of-charge voltage | 27.6 V |
| Charging current | 0.36 A |
| Nominal capacity | 1.2 Ah |
| Battery module service life | 6 Years (20 °C) |
| Latest startup (battery only) - range | 6 Months (0 °C ... 20 °C) |
| | 6 Months (20 °C ... 30 °C) |
| | 3 Months (30 °C ... 40 °C) |
| Battery technology | VRLA-AGM |
| Memory medium | Lead rechargeable battery module |
| Accumulator type | BB Battery BP1.2-12FR |
| Number of cells | 1 |
| Size designation | Block |
| Battery pack | yes |
| IQ technology | no |
| Suitable for fast charging | yes |

## Product properties

| | |
|---|---|
| Product type | Battery module |

| | |
|---|---|
| Product family | Battery module |
| Application | for MINI DC-UPS |
| 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 |

## Dimensions

| | |
|---|---|
| Width | 52 mm |
| Height | 130 mm |
| Depth | 110 mm |

Installation dimensions

| | |
|---|---|
| Installation distance right/left | 0 mm / 0 mm |
| Installation distance top/bottom | 50 mm / 50 mm |

## Material specifications

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

## Environmental and real-life conditions

Ambient conditions

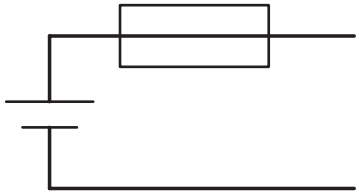
| | |
|---|---|
| Degree of protection | IP20 |
| Ambient temperature (operation) | 0 °C ... 40 °C |
| Ambient temperature (storage/transport) | 0 °C ... 40 °C |
| Max. permissible relative humidity (operation) | 95 % |

## Ex data

| | |
|---|---|
| Suited for EX-applications | No |

## Drawings

Block diagram



## Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/2866417

EAC
Approval ID: EAC-Zulassung

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

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

## Classifications

### ECLASS

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

### ETIM

| | |
|---|---|
| ETIM 9.0 | EC000357 |

### UNSPSC

| | |
|---|---|
| UNSPSC 21.0 | 26111700 |

## Environmental product compliance

EU RoHS

| | |
|---|---|
| Fulfills EU RoHS substance requirements | Yes, No exemptions |

China RoHS

| | |
|---|---|
| Environment friendly use period (EFUP) | EFUP-3 |
| | 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) |

## Accessories

### 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.

### QUINT-PS-ADAPTERS7/1 - Mounting adapter

2938196

https://www.phoenixcontact.com/us/products/2938196

Assembly adapter for QUINT-PS... power supply on S7-300 rail



## UTA 107 - DIN rail adapter

2853983

https://www.phoenixcontact.com/us/products/2853983

Universal DIN rail adapter, for screwing on switchgear



## FUSE 15A/32V FKS ATO - Fuse

2908361

https://www.phoenixcontact.com/us/products/2908361

Fuse, nominal current: 15 A, length: 19 mm, width: 5 mm, height: 13 mm



# MINI-BAT/24DC/1.3AH - Battery module

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## UPS-BAT-KIT/PB/2X12V/1.2AH - Uninterruptible power supply replacement battery

1283114

https://www.phoenixcontact.com/us/products/1283114



Replacement battery, VRLA-AGM, 2x12 V DC, 1.2 Ah. Only for 1274520 UPS-BAT/PB/24DC/1.2AH and 2320254 QUINT-UPS/24DC/24DC/5/1.3AH from V/C 05

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