

# MINI-BAT/24DC/0.8AH - Battery module



2866666

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Energy storage device, lead AGM, VRLA technology, 24 V DC, 0.8 Ah.

## Product description

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

## Your advantages

- Maximum buffer times

## Commercial data

Item number	2866666
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	CM24
Product key	CMUEV3
Catalog page	Page 352 (C-4-2019)
GTIN	4046356152129
Weight per piece (including packing)	830.8 g
Weight per piece (excluding packing)	764 g
Customs tariff number	85072080
Country of origin	CN

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## Technical data

### Input data

Input voltage	24 V DC
Buffer period	20 min. (1 A)
	7 min. (2 A)

### Output data

Nominal output voltage	24 V DC
Output current $I_{\max}$	5 A
Output fuse	5 A
Connection in parallel	5
Connection in series	No

### Battery operation

Nominal output voltage	24 V DC
Nominal output current ( $I_N$ )	5 A

### Energy storage

End-of-charge voltage	27.6 V
Charging current	1 A
Nominal capacity	0.8 Ah
Battery module service life	3 Years (20 °C)
Latest startup (battery only) - range	3 Months (0 °C ... 20 °C)
	3 Months ... 1 Months (20 °C ... 30 °C)
	1 Months (30 °C ... 40 °C)
Battery technology	VRLA-AGM
Memory medium	Lead rechargeable battery module
Accumulator type	YUASA NP0.8-12
	YUCEL Y0.8-12
	YUVOLT 0.8-12
Number of cells	1
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
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

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	national regulations.
IQ technology	no

## Insulation characteristics

Protection class	III
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## Dimensions

Width	67.5 mm
Height	99 mm
Depth	107 mm

## Installation dimensions

Installation distance right/left	0 mm / 0 mm
Installation distance top/bottom	30 mm / 30 mm

## Material specifications

Housing material	Plastic
Type of housing	Polyamide PA, color: green

## 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
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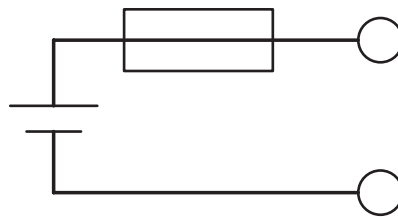
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## Drawings

Block diagram



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## Approvals


To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/2866666>



**EAC**  
Approval ID: EAC-Zulassung



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



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

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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

### FUSE 5A/32V FK-1 - Fuse

2908367

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Fuse, nominal current: 5 A, length: 11.9 mm, width: 3.8 mm, height: 16.2 mm

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