

MINI-BAT/12DC/1.6AH - Energy storage



2866572

<https://www.phoenixcontact.com/in/products/2866572>

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Energy storage device, lead AGM, VRLA technology, 12 V DC, 1.6 Ah.



Product Description

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

Your advantages

- Maximum buffer times

Commercial Data

Item number	2866572
Packing unit	1 pc
Minimum order quantity	1 pc
Sales Key	CMU
Product Key	CMUEV3
Catalog Page	Page 353 (C-4-2019)
GTIN	4046356476492
Weight per Piece (including packing)	878.5 g
Weight per Piece (excluding packing)	800 g
Customs tariff number	85072080
Country of origin	CN

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Technical Data

Input data

Input voltage	12 V DC
Buffer period	60 min. (1 A)
	6 min. (4 A)

Output data

Nominal output voltage	12 V DC
Output current I_{\max}	10 A
Output fuse	10 A
Connection in parallel	5
Connection in series	No

Battery operation

Nominal output voltage	12 V DC
Nominal output current (I_N)	10 A

Energy storage

End-of-charge voltage	13.8 V
Charging current	1 A
Nominal capacity	1.6 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
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
Product family	Energy storage
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.

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IQ technology	no
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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

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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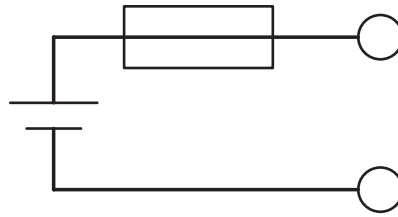


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Drawings

Block diagram



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Approvals



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-13.0	27050403
ECLASS-12.0	27050403

ETIM

ETIM 8.0	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 10A/32V FK1 - Fuse

2908364

<https://www.phoenixcontact.com/in/products/2908364>



Fuse, nominal current: 10 A, length: 11.9 mm, width: 3.8 mm, height: 16.2 mm

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