MINI-BAT/12DC/2.6AH - Battery module

2866569

https://www.phoenixcontact.com/us/products/2866569

Battery module, lead AGM, VRLA technology, 12 V DC, 2.4 Ah.

Product description

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

Your advantages

- Maximum buffer times

Commercial data

Item number	2866569
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	CM24
Product key	CMUEV3
Catalog page	Page 353 (C-4-2019)
GTIN	4046356476485
Weight per piece (including packing)	2,198 g
Weight per piece (excluding packing)	1,700 g
Customs tariff number	85072080
Country of origin	CN

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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	12 V DC
Buffer period	120 min. (1 A)
	20 min. (4 A)
Current consumption	0.72 A (charging process)

Output data

Nominal output voltage	12 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	12 V DC
Nominal output current (I_N)	15 A

Energy storage

End-of-charge voltage	13.8 V
Charging current	0.72 A
Nominal capacity	2.4 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	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

Drawings

Block diagram
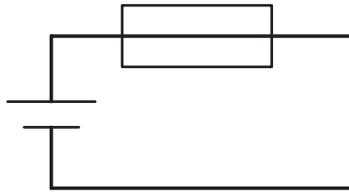
Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/2866569

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-13.0	27050403
ECLASS-12.0	27050403

ETIM

ETIM 9.0	EC000357

UNSPSC

UNSPSC 21.0	26111700

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	6(c), 7(a), 7(c)-I

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)

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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

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UTA 107 - DIN rail adapter

2853983

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

Universal DIN rail adapter, for screwing on switchgear

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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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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