

MINI-BAT/12DC/1.6AH - Battery module



2866572

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

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.



Battery module (device with battery), lead AGM, VRLA technology, 12 V DC, 1.6 Ah.

Product description

MINI-BAT – battery module 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
Product key	CMUEV3
GTIN	4046356476492
Weight per piece (including packing)	829.5 g
Weight per piece (excluding packing)	800 g
Customs tariff number	85072080
Country of origin	CN

MINI-BAT/12DC/1.6AH - Battery module



2866572

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

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 energy storage devices area under "Latest startup".
---------------------	---

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 YUCEL Y0.8-12 YUVOLT 0.8-12
Number of cells	1
Size designation	Block
Battery pack	yes
IQ technology	no
Suitable for fast charging	yes

MINI-BAT/12DC/1.6AH - Battery module



2866572

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

Product properties

Product family	Battery module (device with battery)
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	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
----------------------------	----

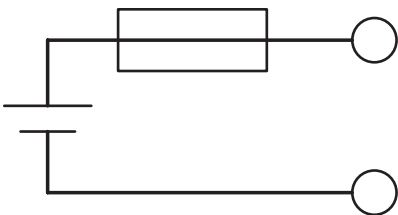
MINI-BAT/12DC/1.6AH - Battery module



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

Drawings

Block diagram



Graphic

Load Current	Buffertime for 12 V DC system										
	Minutes								Hour		
	8	9	10	20	30	40	45	50	1	2	3
0.5 A											
1 A											
1.5 A											
2 A											

The data is based on an ambient temperature of +25 °C at the start of use.

 2866572 MINI-BAT/12DC/1.6AH

 2866569 MINI-BAT/12DC/2.6AH

Buffer times for MINI DC UPS for 12 V systems

MINI-BAT/12DC/1.6AH - Battery module



2866572

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

Approvals

🔗 To download certificates, visit the product detail page: <https://www.phoenixcontact.com/pc/products/2866572>



EAC

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



EAC

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

MINI-BAT/12DC/1.6AH - Battery module



2866572

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

Classifications

ECLASS

ECLASS-13.0	27050403
ECLASS-15.0	27050403

ETIM

ETIM 10.0	EC003893
-----------	----------

UNSPSC

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

MINI-BAT/12DC/1.6AH - Battery module



2866572

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

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)
SCIP	e6f9dd31-ae40-45a7-8c57-2fcca624bddd

MINI-BAT/12DC/1.6AH - Battery module



2866572

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

Accessories

FUSE 10A/32V FK1 - Fuse

2908364

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



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

Phoenix Contact 2026 © - all rights reserved
<https://www.phoenixcontact.com>

PHOENIX CONTACT GmbH & Co. KG
Flachsmarktstraße 8
D-32825 Blomberg
+49 (0) 5235-3 00
info@phoenixcontact.com