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

2866572

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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

ELEKTROGERÄTE RÜCKNAHME

Commercial data

Item number	2866572
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	CM24
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

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
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

Product properties

Product type	Battery module
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

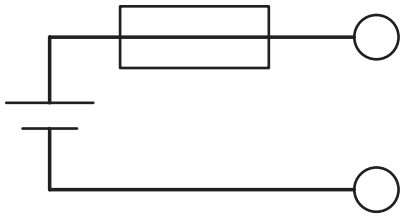
Degree of protection	IP20
Ambient temperature (operation)	0 °C ... 40 °C
Ambient temperature (storage/transport)	0 °C ... 40 °C
Max. permissible relative humidity (operation)	95 %

Ex data

Suited for EX-applications	no

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.

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Buffer times for MINI DC UPS for 12 V systems

Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/2866572

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

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

Classifications

ECLASS

ECLASS-13.0	27050403
ECLASS-15.0	27050403

ETIM

ETIM 10.0	EC003893

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

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