

TRIO-BAT/PB/24DC/7AH - Battery module



1384031

<https://www.phoenixcontact.com/gb/products/1384031>

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Battery module, VRLA-AGM, 24 V DC, 7 Ah



Product description

The perfect addition to the TRIO UPS modules. Battery modules with lead AGM technology are fully charged before being sent to our warehouse.

Commercial data

Item number	1384031
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	CMUEV3
Product key	CMUEV3
GTIN	4063151758905
Weight per piece (including packing)	7,000 g
Weight per piece (excluding packing)	6,442 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".
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Energy storage

Input

Input voltage	24 V DC (SELV)
Nominal capacity	7 Ah
Charging current	max. 2.1 A
End-of-charge voltage	27.6 V (20 °C)

Output

Output current	max. 50 A
Output fuse	2x 25 A T 25A 32V, ATOF 287 from Littelfuse
Buffer time	9 min. (20 A) 3 min. (40 A)
End-of-discharge voltage	19.2 V

General

Connection in parallel	yes
Battery type	BB Battery BP7-12FR
Battery technology	VRLA-AGM
IQ-Technology	no
Latest startup date (battery only)	12 Months (0 °C ... 20 °C)
Latest startup (battery only) - range	9 Months ... 12 Months (20 °C ... 30 °C) 6 Months ... 9 Months (30 °C ... 40 °C)
Accumulator module service life (according to Eurobat)	6 (20 °C)
Size designation	Block
Temperature sensor	no

Product properties

Product type	Battery module
Product family	Battery module

Insulation characteristics

Protection class	III
Degree of pollution	2

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Dimensions

Item dimensions

Width	164 mm
Height	159 mm
Depth	114 mm

Drill hole

Diameter	5 mm
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Installation dimensions

Installation distance right/left	0 mm / 0 mm
Installation distance top/bottom	5 mm / 5 mm

Cable/line

Battery connecting cable:

Cable cross section	6 mm ²
AWG/kcmil	10
Cable length	1990 mm
Color	red

Battery connecting cable:

Cable cross section	6 mm ²
AWG/kcmil	10
Cable length	1990 mm
Color	black

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP20
Ambient temperature (storage/transport)	-20 °C ... 40 °C
Ambient temperature (charge)	0 °C ... 40 °C
Ambient temperature (discharge)	-20 °C ... 50 °C
Max. permissible relative humidity (operation)	≤ 95 %

Ex data

Suited for EX-applications	No
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Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/gb/products/1384031>



IECEE CB Scheme

Approval ID: DK-139600-UL



cULus Listed

Approval ID: E123528

DNV

Approval ID: TAA00002EW



cULus Listed

Approval ID: E199827-20230421

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Classifications

ECLASS

ECLASS-11.0	27050403
ECLASS-13.0	27050403

ETIM

ETIM 8.0	EC000357
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Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
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China RoHS

Environment friendly use period (EFUP)	EFUP-8
	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

FUSE 25A/32V ATOF - Fuse

2908366

<https://www.phoenixcontact.com/gb/products/2908366>



Fuse, nominal current: 25 A, length: 19.1 mm, width: 5 mm, height: 18.8 mm

UPS-BAT-KIT/PB/2X12V/7AH - Uninterruptible power supply replacement battery

1283119

<https://www.phoenixcontact.com/gb/products/1283119>



Replacement battery, VRLA-AGM, 2x12 V DC, 7 Ah

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QUINT-ADAPTER/4 - Mounting adapter

2866857

<https://www.phoenixcontact.com/gb/products/2866857>

Assembly adapter for QUINT-BAT/24DC... on 35mm rail



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