TRIO-BAT/PB/24DC/4AH - Battery module

1394730

https://www.phoenixcontact.com/us/products/1394730

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), VRLA-AGM, 24 V DC, 4 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.

Your advantages

- Long buffer times under normal conditions
- Convenient panel mounting or DIN rail mounting
- Comprehensive approval package, compatible with TRIO UPS
- TRIO UPS modules have a uniform design
- Easy handling with preassembled cables and fuse holders
- Immediate availability: All energy storage systems leave our warehouse fully charged

Commercial data

Item number	1394730
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	CM24
Product key	CMUEV3
GTIN	4063151776831
Weight per piece (including packing)	4,259 g
Weight per piece (excluding packing)	3,778 g
Customs tariff number	85072080
Country of origin	CN

Downloaded from Arrow.com.

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”.

Energy storage

Input

Input voltage	24 V DC (SELV)
Nominal capacity	4 Ah
Charging current	max. 1.2 A
End-of-charge voltage	27.6 V (20 °C)

Output

Output current	max. 25 A
Output fuse	1x 25 A T 25A 32V, ATOF 287 from Littelfuse
Buffer time	4.5 min (20 A)
	3 min (25 A)
End-of-discharge voltage	19.2 V

General

Connection in parallel	yes
Battery type	BB Battery HR4.2-12FR
Battery technology	VRLA-AGM
IQ-Technology	no
Latest startup date (battery only)	9 Months (-20 °C ... 20 °C)
	6 Months (25 °C)
	3 Months (30 °C)
Service life	6 Years (20 °C)
Size designation	Block
Temperature sensor	no

Product properties

Product family	Battery module (device with battery)
Application	TRIO-UPS-2G
Disposal	Used batteries must not be thrown away with household waste, they should instead be disposed of in accordance with applicable national regulations.

Insulation characteristics

Protection class	III

Downloaded from Arrow.com.

Degree of pollution	2

Dimensions

Item dimensions

Width	115 mm
Height	154 mm
Depth	113 mm

Drill hole

Diameter	5 mm

Installation dimensions

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

Mounting

Mounting type	DIN rail mounting
Mounting position	horizontal DIN rail NS 35, EN 60715

Material specifications

Housing material	Metal

Cable/line

Battery connecting cable:

Cable cross section	4 mm²
Cable length	2000 mm
Color	red

Battery connecting cable:

Cable cross section	4 mm²
Cable length	2000 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 %

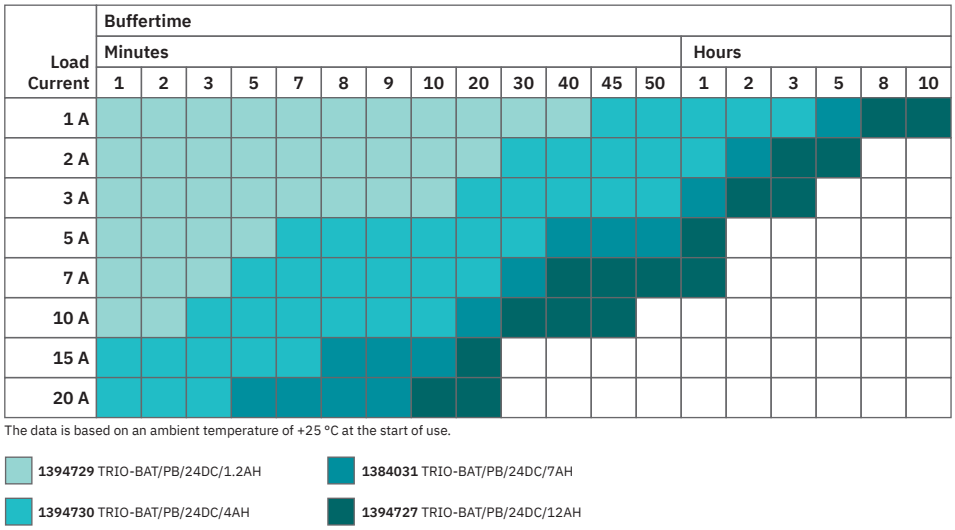
Ex data

Suited for EX-applications	no

Downloaded from Arrow.com.

Drawings

Graphic



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

1394729 TRIO-BAT/PB/24DC/1.2AH

1384031 TRIO-BAT/PB/24DC/7AH

1394730 TRIO-BAT/PB/24DC/4AH

1394727 TRIO-BAT/PB/24DC/12AH

TRIO battery buffer times for TRIO DC UPS

Downloaded from Arrow.com.

Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/1394730

IECEE CB Scheme
Approval ID: DK-139600-UL

cULus Listed
Approval ID: E123528

DNV
Approval ID: TAA00002EW

IECEE CB Scheme
Approval ID: DK-139600-UL

cULus Listed
Approval ID: E123528

DNV
Approval ID: TAA00002EW

cULus Listed
Approval ID: E199827-20230421

cULus Listed
Approval ID: E199827-20230421

Downloaded from Arrow.com.

Classifications

ECLASS

ECLASS-13.0	27050403
ECLASS-15.0	27050403

ETIM

ETIM 10.0	EC003893

UNSPSC

UNSPSC 21.0	26111700

Downloaded from Arrow.com.

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions

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)

EF3.1 Climate Change

CO2e kg	18.11 kg CO2e

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

Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com

Downloaded from Arrow.com.