

# UPS-BAT/PB/24DC/1.2AH - Energy storage



1274520

<https://www.phoenixcontact.com/us/products/1274520>

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.



Energy storage, VRLA-AGM, 24 V DC, 1.2 Ah, automatic detection and communication with QUINT UPS-IQ

## Product Description

For continuous monitoring and intelligent management, there is constant communication with the QUINT UPS. Thanks to automatic detection of the energy storage, and tool-free switching during operation, quick installation is possible. The QUINT UPS with IQ technology energy storage leaves the warehouse fully charged.

## Your advantages

- Maximum buffer times
- Lead AGM (Absorbent Glass Mat) technology

## Commercial Data

Item number	1274520
Packing unit	1 pc
Sales Key	CM24
Product Key	CMUEV3
GTIN	4063151466640
Weight per Piece (including packing)	2,275 g
Weight per Piece (excluding packing)	1,700 g
Customs tariff number	85072080
Country of origin	CN

# UPS-BAT/PB/24DC/1.2AH - Energy storage



1274520

<https://www.phoenixcontact.com/us/products/1274520>

## Technical Data

### Energy storage

#### Input

Input voltage	24 V DC (SELV)
Nominal capacity	1.2 Ah
Charging current	0.36 A

#### Output

Output voltage	24 V DC
Output current	max. 15 A
Output fuse	1x 15 A
Buffer time	20 min. (2 A)
	5 min. (5 A)

#### General

Connection in parallel	yes
	max. 5
Connection in series	No
Battery type	BB Battery BP1.2-12FR
Battery technology	VRLA-AGM
IQ-Technology	yes
Latest startup date (battery only)	3 Months (0 °C ... 20 °C)
	1 Months (30 °C ... 40 °C)
Latest startup (battery only) - range	1 Months ... 3 Months (20 °C ... 30 °C)
Accumulator module service life (according to Eurobat)	6 (20 °C)
Size designation	Block
Battery pack	yes
Suitable for fast charging	yes
Temperature sensor	yes
Disposal	Used batteries must not be thrown away with household waste, they should instead be disposed of in accordance with applicable national regulations.

### Connection data

#### Conductor connection

Connection method	Screw connection
rigid	2.5 mm <sup>2</sup>
flexible	2.5 mm <sup>2</sup>
rigid (AWG)	14 (Cu)
Stripping length	8 mm
Tightening torque	0.5 Nm ... 0.6 Nm
	5 lb <sub>F</sub> -in. ... 7 lb <sub>F</sub> -in.

# UPS-BAT/PB/24DC/1.2AH - Energy storage



1274520

<https://www.phoenixcontact.com/us/products/1274520>

Drive form screw head	Slotted L
-----------------------	-----------

## Product properties

Product type	Battery unit
Product family	Energy storage
Application	for QUINT4 DC-UPS, QUINT-UPS, and 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
Degree of pollution	2

## Dimensions

### Item dimensions

Width	54 mm
Height	157 mm
Depth	113 mm

## Mounting

Mounting position	horizontal DIN rail NS 35, EN 60715
-------------------	-------------------------------------

## Material specifications

Housing material	Metal
Type of housing	Galvanized sheet steel, powder-coated

## 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 %
Shock	15g, 11 ms, in each space direction (in accordance with IEC 60068-2-27)
Vibration (operation)	5 Hz ... 100 Hz, 0.7g (in accordance with DNV/IEC 600068-2-6)

## Approvals

### UL

Identification	UL/C-UL Listed UL 61010-1
----------------	---------------------------

### UL

Identification	UL/C-UL Listed ANSI/UL 121201 Class I, Division 2, Groups A, B, C, D (Hazardous Location)
----------------	---

# UPS-BAT/PB/24DC/1.2AH - Energy storage



1274520

<https://www.phoenixcontact.com/us/products/1274520>

## Shipbuilding

Identification	DNV
----------------	-----

## Shipbuilding

Identification	ABS
----------------	-----

## Shipbuilding

Identification	LR
----------------	----

## Shipbuilding

Identification	BV
----------------	----

## Ex data

Suited for EX-applications	No
----------------------------	----

# UPS-BAT/PB/24DC/1.2AH - Energy storage

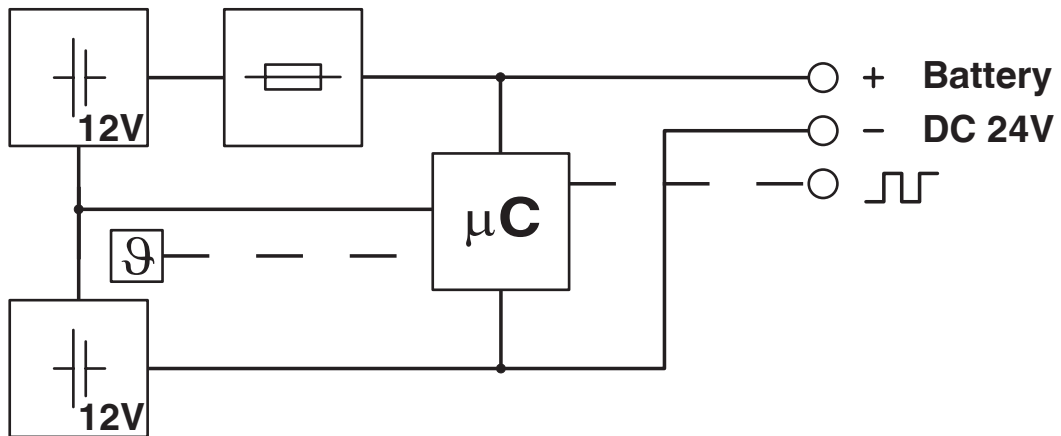


1274520

<https://www.phoenixcontact.com/us/products/1274520>

## Drawings

Block diagram



Block diagram

# UPS-BAT/PB/24DC/1.2AH - Energy storage



1274520

<https://www.phoenixcontact.com/us/products/1274520>

## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1274520>



**EAC**

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



**cULus Listed**

Approval ID: FILE E 123528



**LR**

Approval ID: LR22136091TA



**BV**

Approval ID: 41516/B0 BV



**IECEE CB Scheme**

Approval ID: DK-134807-A1-UL



**cULus Listed**

Approval ID: FILE E 199827

# UPS-BAT/PB/24DC/1.2AH - Energy storage



1274520

<https://www.phoenixcontact.com/us/products/1274520>

## Classifications

### ECLASS

ECLASS-11.0	27050403
ECLASS-12.0	27050403
ECLASS-13.0	27050403

### ETIM

ETIM 8.0	EC000357
----------	----------

### UNSPSC

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

# UPS-BAT/PB/24DC/1.2AH - Energy storage



1274520

<https://www.phoenixcontact.com/us/products/1274520>

## Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 8
	For information on hazardous substances, refer to the manufacturer's declaration available under "Downloads"



# UPS-BAT/PB/24DC/1.2AH - Energy storage



1274520

<https://www.phoenixcontact.com/us/products/1274520>

## Accessories

### QUINT-ADAPTER/4 - Mounting adapter

2866857

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

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



---

### FUSE 15A/32V FK1 - Fuse

2908360

<https://www.phoenixcontact.com/us/products/2908360>

Fuse, nominal current: 15 A, length: 11.9 mm, width: 3.8 mm, height: 16.2 mm



# UPS-BAT/PB/24DC/1.2AH - Energy storage



1274520

<https://www.phoenixcontact.com/us/products/1274520>

## 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

---

Phoenix Contact 2023 © - 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](mailto:info@phoenixcon.com)