

# UPS-BAT/PB/24DC/40AH - Energy storage



1354641

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Energy storage, VRLA-AGM, 24 V DC, 40 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
- Consists of 2 x 12 V battery modules and an electronic monitoring unit
- Lead AGM (Absorbent Glass Mat) technology

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## Technical data

### Energy storage

#### Input

Input voltage	24 V DC (SELV)
Nominal capacity	40 Ah
Charging current	12 A
End-of-charge voltage	27.6 V (20 °C)

#### Output

Output current $I_{\max}$	45 A
Output fuse	2x 25 A
Buffer time	82 min. (20 A)
	35 min. (40 A)

#### General

Connection in parallel	yes
	max. 5
Battery type	BB Battery BP 40-12FR
Battery technology	VRLA-AGM
IQ-Technology	yes
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)	8 (20 °C)
Size designation	Block
Battery pack	yes
Suitable for fast charging	yes
Temperature sensor	yes
Number of replacement battery kits	1x (UPS-BAT-KIT/PB/2X12V/40AH (1383182))
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	Push-in connection
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### Product properties

Product type	Battery unit
Product family	Energy storage
Application	for QUINT4 DC-UPS, QUINT4 AC-UPS, QUINT-UPS, and TRIO-UPS-2G
Disposal	Used batteries must not be thrown away with household waste,

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## Insulation characteristics

Protection class	III
Degree of pollution	2

## Dimensions

## Item dimensions

Width	333 mm
Height	173 mm
Depth	199 mm

## Drill hole

Diameter	5 mm
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## Mounting

Mounting position	Horizontally, on a mounting panel
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## Material specifications

Housing material	Plastic
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## Cable/line

## Battery connecting cable:

Cable cross section	6 mm <sup>2</sup>
Cable length	340 mm
Color	red/black

## Battery connecting cable:

Cable cross section	6 mm <sup>2</sup>
Cable length	110 mm
Color	red/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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## UPS-BAT/PB/24DC/40AH - Energy storage

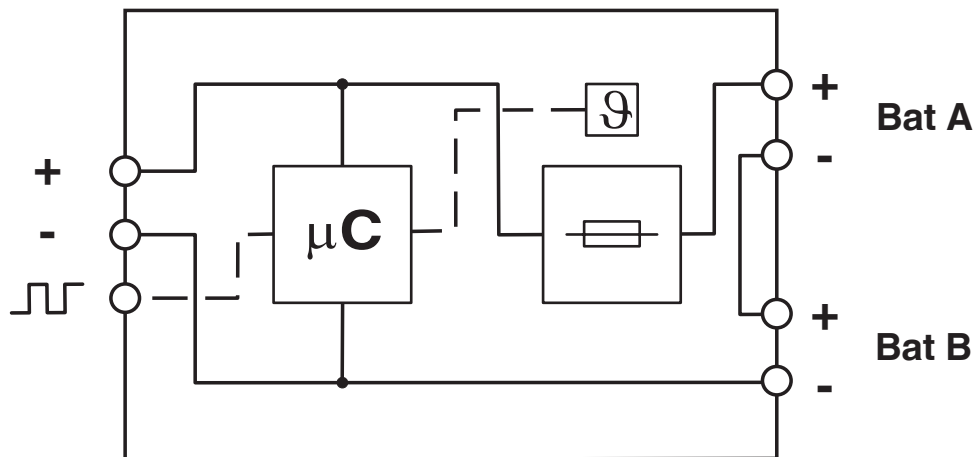


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## Drawings

Block diagram



Block diagram

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