

UPS-BAT/LI-ION/24DC/924WH - Energy storage



2908232

<https://www.phoenixcontact.com/in/products/2908232>

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Energy storage device, LI-ION technology, 24 V DC, 924 Wh, for ambient temperatures of -25 °C ... 60 °C, 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 replacement during operation, quick installation is possible. Energy storage devices for QUINT UPS with IQ technology leave the warehouse fully charged.

Your advantages

- Long service life with long buffer times
- Quick installation, thanks to automatic detection of the energy storage and tool-free replacement during operation
- Maximum availability, thanks to constant communication with the QUINT UPS for continuous monitoring and intelligent management
- Immediate availability, as all energy storage devices leave our warehouse fully charged

Commercial Data

Item number	2908232
Packing unit	1 pc
Minimum order quantity	1 pc
Sales Key	CMU
Product Key	CMUEL3
Catalog Page	Page 335 (C-4-2019)
GTIN	4055626293165
Weight per Piece (including packing)	14,635 g
Weight per Piece (excluding packing)	14,635 g
Customs tariff number	85076000
Country of origin	CN

Technical Data

Input data

Input voltage	24 V DC
Buffer period	105 min. (20 A (20 °C))
	50 min. (40 A (20 °C))

Output data

Nominal output voltage	24 V DC
Output fuse	2x 25 A ATOF 32V (breaking capacity 1000 A)
Connection in parallel	3
	3
Connection in series	No

Energy storage

End-of-charge voltage	28.5 V DC (20 °C)
Charging current	15 A
Nominal capacity	924 Wh
Battery module service life	15 Years (20 °C)
Latest startup date (battery only)	24 Months (0 °C ... 20 °C)
	18 Months (20 °C ... 40 °C)
Battery technology	Lithium-Ion (LiFePO ₄)
Memory medium	LI-ION, 924 Wh
Accumulator type	NEC ALM 12V35s
Size designation	Block
Battery pack	yes
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	Yes
Temperature sensor	yes
Suitable for fast charging	yes

Product properties

Product type	Battery unit
Product family	Energy storage
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	Yes

Insulation characteristics

Protection class	III
Degree of pollution	2

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Dimensions

Width	264 mm
Height	224 mm
Depth	197 mm

Installation dimensions

Installation distance right/left	0 mm / 0 mm
Installation distance top/bottom	50 mm / 50 mm

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP20
Ambient temperature (operation)	-25 °C ... 58 °C
Ambient temperature (storage/transport)	-40 °C ... 65 °C
Max. permissible relative humidity (operation)	≤ 95 %

Ex data

Suited for EX-applications	No
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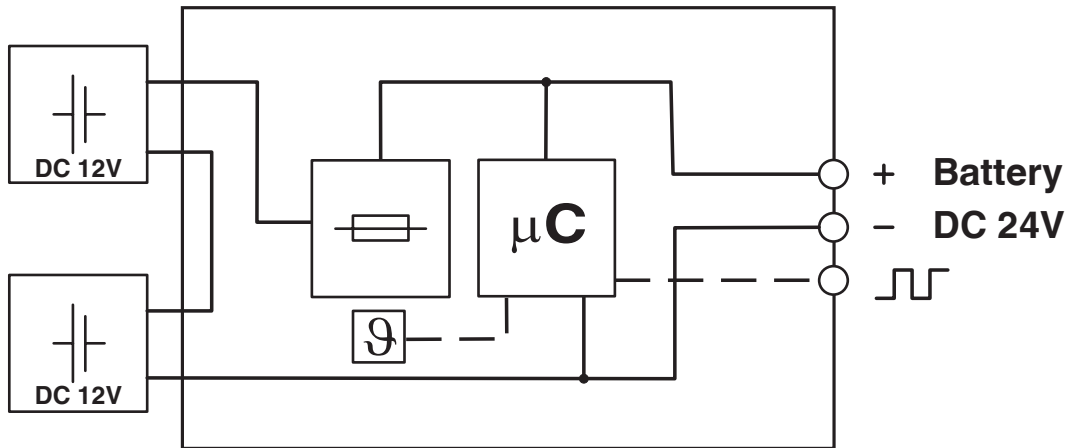


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Drawings

Block diagram



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Classifications

ECLASS

ECLASS-11.0	27050403
ECLASS-12.0	27050403

ETIM

ETIM 8.0	EC000357
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UNSPSC

UNSPSC 21.0	26111700
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Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 10;
	For information on hazardous substances, refer to the manufacturer's declaration available under "Downloads"

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Accessories

BATTERY MOUNTING CASE - Mounting set for securing the batteries

2320458

<https://www.phoenixcontact.com/in/products/2320458>

Used for mounting batteries that cannot be mounted on DIN rails.



FUSE 25A/32V ATOF - Fuse

2908366

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

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



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