

## Energy storage - UPS-BAT/VRLA/24DC/38AH - 2320335

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Energy storage device, lead AGM, VRLA technology, 24 V DC, 38 Ah, automatic detection, and communication with QUINT UPS-IQ

### Why buy this product

- Communication with QUINT UPS IQ
- Consists of 2 x 12 V battery modules and an electronic monitoring unit



### Key Commercial Data

Packing unit	1 STK
Custom tariff number	85072080
Country of origin	China

### Technical data

#### Dimensions

Width	330 mm
Height	221 mm
Depth	197 mm

#### Ambient conditions

Degree of protection	IP20
Ambient temperature (operation)	0 °C ... 40 °C
Ambient temperature (storage/transport)	0 °C ... 40 °C
Max. permissible relative humidity (operation)	95 %

#### Input data

Nominal input voltage	24 V DC
Buffer period	72 min. (20 A)
	35 min. (40 A)

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## Technical data

### Output data

Nominal output voltage	24 V DC
Output current $I_{max}$	45 A
Connection in series	No
Output fuse	2x 25 A ATOF 32V

### General

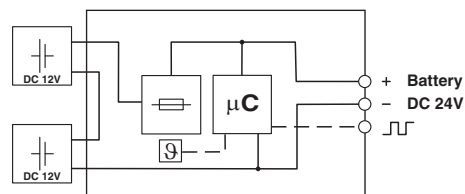
IQ technology	Yes
Disposal	Used batteries must not be thrown away with household waste, they should instead be disposed of in accordance with applicable national regulations. They can also be returned to Phoenix Contact or the manufacturer.
Net weight	26 kg
Memory medium	Lead rechargeable battery module
Protection class	III
Mounting position	Horizontally, on a mounting plate

### Standards and Regulations

Shock	18 ms, 30g, in each space direction (according to IEC 60068-2-27)
Connection in acc. with standard	CUL
Standard - Electrical safety	EN 60950-1/VDE 0805 (SELV)
Standard – Electronic equipment for use in electrical power installations and their assembly into electrical power installations	EN 50178/VDE 0160 (PELV)
UL approvals	UL/C-UL listed UL 508
	UL/C-UL Recognized UL 60950
	UL ANSI/ISA-12.12.01 Class I, Division 2, Groups A, B, C, D (Hazardous Location)
VdS approval	G 100002
Vibration (operation)	< 15 Hz, amplitude $\pm 2.5$ mm, 15 - 150 Hz, 2.3g/2.3g according to IEC 60068-2-6
	15 Hz ... 150 Hz, 2.3g, 90 min.

## Drawings

Block diagram



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### Classifications

#### eCl@ss

eCl@ss 4.0	27040603
eCl@ss 4.1	27040603
eCl@ss 5.0	27040603
eCl@ss 5.1	27040603
eCl@ss 6.0	27040603
eCl@ss 7.0	27049201
eCl@ss 8.0	27050403
eCl@ss 9.0	27050403

#### ETIM

ETIM 2.0	EC000382
ETIM 3.0	EC000382
ETIM 4.0	EC000357
ETIM 5.0	EC000357

#### UNSPSC

UNSPSC 6.01	30211510
UNSPSC 7.0901	39121011
UNSPSC 11	39121011
UNSPSC 12.01	39121011
UNSPSC 13.2	39121011

### Approvals

#### Approvals

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##### Approvals

UL Recognized / UL Listed / cUL Recognized / cUL Listed / EAC / ABS / DNV GL / cULus Recognized / cULus Listed

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##### Ex Approvals

UL Listed / cUL Listed / cULus Listed

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##### Approvals submitted

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#### Approval details

# Energy storage - UPS-BAT/VRLA/24DC/38AH - 2320335

## Approvals

UL Recognized

UL Listed

cUL Recognized

cUL Listed

EAC

ABS

DNV GL

mm <sup>2</sup> /AWG/kcmil	6
Nominal current I <sub>N</sub>	41 A
Nominal voltage U <sub>N</sub>	500 V

cULus Recognized

cULus Listed

## Accessories

Accessories

Fuse

## Energy storage - UPS-BAT/VRLA/24DC/38AH - 2320335

### Accessories

Fuse - SI FORM C 25 A DIN 72581 - 0913757



Flat-type plug-in fuse, type C, color code: white, nominal current: 25 A

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Fuse - FUSE 25A/32V ATOF - 2908366



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

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### Mounting material

Mounting set for securing the batteries - BATTERY MOUNTING CASE - 2320458



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

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Mounting set for securing the batteries - BATTERY MOUNTING KIT - 2320788



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

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