

Energy storage - UPS-BAT/VRLA/24DC/12AH - 2320322

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Energy storage device, lead AGM, VRLA technology, 24 V DC, 12 Ah, tool-free battery replacement, automatic detection, and communication with QUINT UPS-IQ

Why buy this product

- Tool-free battery replacement
- Communication with QUINT UPS IQ



Key Commercial Data

Packing unit	1 STK
Weight per Piece (excluding packing)	10135.0 g
Custom tariff number	85072080
Country of origin	China

Technical data

Dimensions

Width	202 mm
Height	202 mm
Depth	110 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	22.5 min. (20 A)

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Technical data

Input data

	9 min. (40 A)
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Output data

Nominal output voltage	24 V DC
Output current I_{max}	50 A
Connection in parallel	5
Connection in series	No
Output fuse	2x 25 A

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	8.9 kg
Memory medium	Lead rechargeable battery module
Protection class	III
Mounting position	horizontal DIN rail NS 35, EN 60715

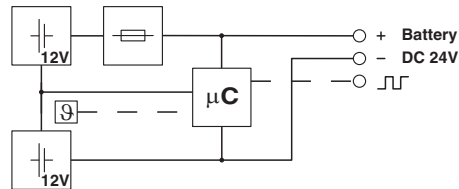
Standards and Regulations

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 100001
Vibration (operation)	< 15 Hz, amplitude ± 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

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Block diagram



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

Approvals

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

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Approvals

Ex Approvals

UL Listed / cUL Listed / cULus Listed


Approvals submitted

Approval details

UL Recognized 

UL Listed 

cUL Recognized 

cUL Listed 

EAC

ABS

BV

DNV GL	
mm ² /AWG/kcmil	6
Nominal current I _N	41 A
Nominal voltage U _N	500 V

PRS

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Approvals



Accessories

Accessories

Assembly adapter

Assembly adapters - QUINT-ADAPTER/4 - 2866857

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



Fuse

Fuse - SI FORM C 25 A DIN 72581 - 0913757



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

Fuse - FUSE 25A/32V ATOF - 2908366



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