

Energy storage - UPS-BAT/VRLA/24DC/3.4AH - 2320306

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's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)



Energy storage device, lead AGM, VRLA technology, 24 V DC, 3.4 Ah, tool-free battery replacement, 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.

Why buy this product

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



Key Commercial Data

Packing unit	1 STK
GTIN	 4 046356 553360
GTIN	4046356553360
Weight per Piece (excluding packing)	4,040.000 g
Custom tariff number	85072080
Country of origin	China

Technical data

Dimensions

Width	85 mm
Height	191 mm
Depth	110 mm

Ambient conditions

Degree of protection	IP20
----------------------	------

Energy storage - UPS-BAT/VRLA/24DC/3.4AH - 2320306

Technical data

Ambient conditions

Ambient temperature (operation)	0 °C ... 40 °C
Ambient temperature (storage/transport)	0 °C ... 40 °C
Max. permissible relative humidity (operation)	≤ 95 %
Degree of pollution	2

Input data

Nominal input voltage	24 V DC
Buffer period	4.5 min. (20 A)
	3 min. (25 A)

Output data

Nominal output voltage	24 V DC
Output current I_{max}	25 A
Connection in parallel	5
Connection in series	No
Output fuse	1x 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	3.3 kg
Memory medium	Lead rechargeable battery module
Protection class	III
Degree of protection	IP20
Mounting position	horizontal DIN rail NS 35, EN 60715

Standards and Regulations

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)
Shipbuilding approval	DNV GL (EMC A), ABS
UL approvals	UL/C-UL listed UL 508
	UL/C-UL Recognized UL 60950-1
	UL ANSI/ISA-12.12.01 Class I, Division 2, Groups A, B, C, D (Hazardous Location)
Shock	18 ms, 30g, in each space direction (according to IEC 60068-2-27)

Energy storage - UPS-BAT/VRLA/24DC/3.4AH - 2320306

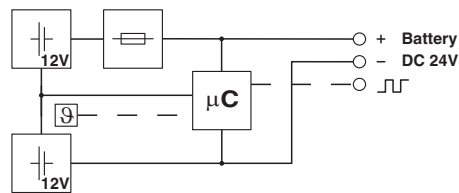
Technical data

Standards and Regulations

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.
Mounting position	horizontal DIN rail NS 35, EN 60715

Drawings

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
ETIM 6.0	EC000357

UNSPSC

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

Energy storage - UPS-BAT/VRLA/24DC/3.4AH - 2320306

Classifications

UNSPSC

UNSPSC 13.2	26111715
-------------	----------

Approvals

Approvals

Approvals

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

Ex Approvals

UL Listed / cUL Listed / cULus Listed

Approval details

UL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 211944
---------------	--	---	---------------

UL Listed		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 123528
-----------	--	---	---------------

cUL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 211944
----------------	--	---	---------------

cUL Listed		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 123528
------------	--	---	---------------

EAC			EAC-Zulassung
-----	--	--	---------------

ABS	http://www.eagle.org/eagleExternalPortalWEB/	15-GD1438179-PDA
-----	---	------------------

Energy storage - UPS-BAT/VRLA/24DC/3.4AH - 2320306

Approvals

BV		http://www.veristar.com/portal/veristarinfo/generalinfo/approved/approvedProducts/equipmentAndMaterials	41516/A0 BV
----	--	---	-------------

DNV GL	http://exchange.dnv.com/tari/		61457-13 HH
mm ² /AWG/kcmil	6		
Nominal current IN	41 A		
Nominal voltage UN	500 V		

PRS		http://www.prs.pl/	TE/2103/880590/16
-----	--	---	-------------------

LR		http://www.lr.org/en	17/20032
----	--	---	----------

cULus Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	
------------------	--	---	--

Accessories

Accessories

Assembly adapter

Assembly adapters - QUINT-ADAPTER/4 - 2866857

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



Fuse

Energy storage - UPS-BAT/VRLA/24DC/3.4AH - 2320306

Accessories

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
