

Energy storage - UPS-BAT/VRLA-WTR/24DC/13AH - 2320416

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Energy storage device, lead AGM, VRLA technology, 24 V DC, 13 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 at extreme temperatures
- ✓ Pure lead AGM technology (Absorbent Glass Mat)



Key Commercial Data

Packing unit	1 STK
GTIN	 4 046356 707701
GTIN	4046356707701
Weight per Piece (excluding packing)	11,520.000 g
Custom tariff number	85072080
Country of origin	China

Technical data

Dimensions

Width	172 mm
Height	177 mm
Depth	178 mm

Ambient conditions

Degree of protection	IP20
Ambient temperature (operation)	-25 °C ... 60 °C

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Technical data

Ambient conditions

Ambient temperature (storage/transport)	-40 °C ... 60 °C
Max. permissible relative humidity (operation)	≤ 95 %
Degree of pollution	2

Input data

Nominal input voltage	24 V DC
Buffer period	50 min. (10 A)
	10 min. (40 A)

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	10.8 kg
Memory medium	Pure lead AGM
Protection class	III
Degree of protection	IP20
Mounting position	horizontally, on a mounting plate

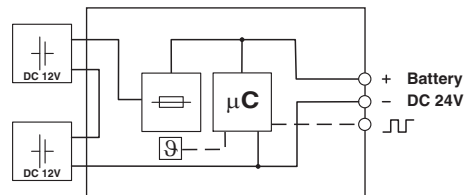
Standards and Regulations

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
Shock	18 ms, 30g, in each space direction (according to IEC 60068-2-27)
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	horizontally, on a mounting plate

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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
UNSPSC 13.2	26111715

Approvals

Approvals

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Approvals

Approvals

UL Recognized / UL Listed / cUL Recognized / cUL Listed / IEC EE CB Scheme / EAC / ABS / BV / DNV GL / PRS / LR / cULus Recognized / cULus Listed

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
IECEE CB Scheme		http://www.iecee.org/	DK-29680-A1-M1-UL
EAC			EAC-Zulassung
ABS		http://www.eagle.org/eagleExternalPortalWEB/	15-GD1438179-PDA
BV		http://www.veristar.com/portal/veristarinfo/generalinfo/approved/approvedProducts/equipmentAndMaterials	41516/A0 BV

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Approvals

DNV GL	http://exchange.dnv.com/tari/	61457-13 HH
mm²/AWG/kcmil	6	
Nominal current I _N	41 A	
Nominal voltage U _N	500 V	

PRS		http://www.prs.pl/	TE/2103/880590/16
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LR		http://www.lr.org/en	17/20032
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cULus Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm
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cULus Listed

Accessories

Accessories

Fuse

Fuse - SI FORM C 25 A DIN 72581 - 0913757



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

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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Accessories

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



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