

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

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.

Your advantages

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



Key Commercial Data

Packing unit	1 pc
GTIN	
GTIN	4046356554107

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 %
Degree of pollution	2

Input data

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Technical data

Input data

Nominal input voltage	24 V DC
Buffer period	22.5 min. (20 A)
	9 min. (40 A)

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
Degree of protection	IP20
Mounting position	horizontal DIN rail NS 35, EN 60715

Standards

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)

Conformance/approvals

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)
Shipbuilding approval	DNV GL (EMC A), ABS
VdS approval	G 100001

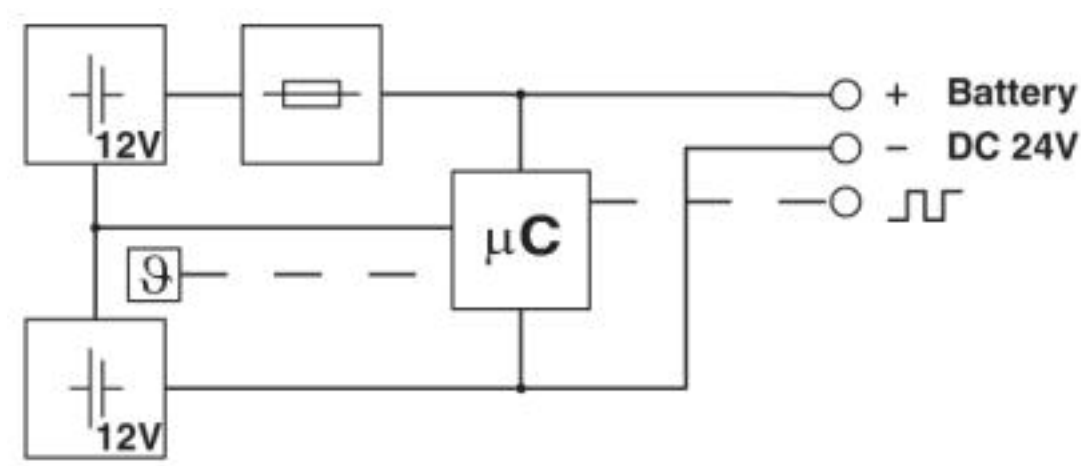
Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 3
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Drawings

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Block diagram



Approvals

Approvals

Approvals

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

Ex Approvals

UL Listed / cUL Listed / cULus Listed

Approval details

DNV GL		https://approvalfinder.dnvgl.com/	TAA0000265
Nominal voltage UN		500 V	
Nominal current IN		41 A	
mm²/AWG/kcmil		6	

PRS		http://www.prs.pl/	TE/2103/880590/16
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BV		http://www.veristar.com/portal/veristarinfo/generalinfo/approved/approvedProducts/equipmentAndMaterials	41516/A0 BV
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Approvals

LR		http://www.lr.org/en	17/20032
ABS		http://www.eagle.org/eagleExternalPortalWEB/	15-GD1438179-PDA
UL Listed		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 123528
UL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 211944
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			DE.A*81.*10695
cULus Recognized			
cULus Listed			