

Energy storage - UPS-CAP/24DC/10A/10KJ - 2320377

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>)



Maintenance-free energy storage based on double-layer capacitor, 24 V DC, 10 kJ, 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 service life
- Maintenance-free double layer condensators



Key Commercial Data

Packing unit	1 STK
GTIN	
GTIN	4046356599047
Weight per Piece (excluding packing)	1,700.000 g
Custom tariff number	85322900
Country of origin	China

Technical data

Dimensions

Width	126 mm
Height	130 mm
Depth	126 mm

Ambient conditions

Degree of protection	IP20
Ambient temperature (operation)	-40 °C ... 60 °C
Ambient temperature (storage/transport)	-40 °C ... 60 °C

Energy storage - UPS-CAP/24DC/10A/10KJ - 2320377

Technical data

Ambient conditions

Max. permissible relative humidity (operation)	≤ 95 %
Installation height	2000 m

Input data

Nominal input voltage	24 V DC
Input voltage range	18 V DC ... 30 V DC
Current consumption	5 A
Buffer period	6 min. (1 A)
	33 s (10 A)

Output data

Nominal output voltage	24 V DC
Setting range of the output voltage (U_{Set})	22 V DC ... 27 V DC
Nominal output current (I_N)	10 A
POWER BOOST (I_{Boost})	15 A
Connection in series	No
Power loss nominal load max.	3.6 W
Output fuse	1x 25 A (internal)

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	1.7 kg
Memory medium	Dual layer capacitor
Protection class	III
Degree of protection	IP20
	> 725000 h (40 °C)
Mounting position	horizontal DIN rail NS 35, EN 60715

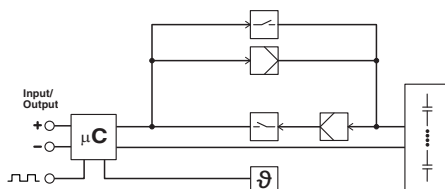
Standards and Regulations

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)
Shipbuilding approval	GL applied for
UL approvals	UL/C-UL Recognized UL 60950-1
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.

Energy storage - UPS-CAP/24DC/10A/10KJ - 2320377

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

Approvals

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








Energy storage - UPS-CAP/24DC/10A/10KJ - 2320377

Approvals

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
BV		http://www.veristar.com/portal/veristarinfo/generalinfo/approved/approvedProducts/equipmentAndMaterials	41516/A0 BV
ABS		http://www.eagle.org/eagleExternalPortalWEB/	15-GD1438179-PDA
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	
LR		http://www.lr.org/en	17/20032

Energy storage - UPS-CAP/24DC/10A/10KJ - 2320377

Approvals

cULus Recognized



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

cULus Listed

Accessories

Accessories

Assembly adapter

Assembly adapters - UWA 130 - 2901664



2-piece universal wall adapter for securely mounting the power supply in the event of strong vibrations. The profiles that are screwed onto the side of the power supply are screwed directly onto the mounting surface. The universal wall adapter is attached on the left/right.