

Energy storage - UPS-CAP/24DC/20A/20KJ - 2320380

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, 20 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.

Your advantages

- Maximum service life
- Maintenance-free double layer condensators



Key Commercial Data

Packing unit	1 pc
GTIN	 4 046356 599030
GTIN	4046356599030
Weight per Piece (excluding packing)	3,528.000 g
Custom tariff number	85322900
Country of origin	China

Technical data

Dimensions

Width	150 mm
Height	130 mm
Depth	176 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/20A/20KJ - 2320380

Technical data

Ambient conditions

Max. permissible relative humidity (operation)	≤ 95 %
Degree of pollution	2
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	12 min. (1 A)
	33 s (20 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)	20 A
POWER BOOST (I_{Boost})	26 A
Connection in series	No
Power loss nominal load max.	3.6 W
Output fuse	2x 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	2.9 kg
Memory medium	Dual layer capacitor
Protection class	III
Degree of protection	IP20
	> 695000 h (40 °C)
Mounting position	horizontal DIN rail NS 35, EN 60715

Standards

EMC requirements for noise immunity	EN 61000-6-1
	EN 61000-6-2
EMC requirements for noise emission	EN 61000-6-3
	EN 61000-6-4
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 Recognized UL 60950-1
--------------	-------------------------------

Energy storage - UPS-CAP/24DC/20A/20KJ - 2320380

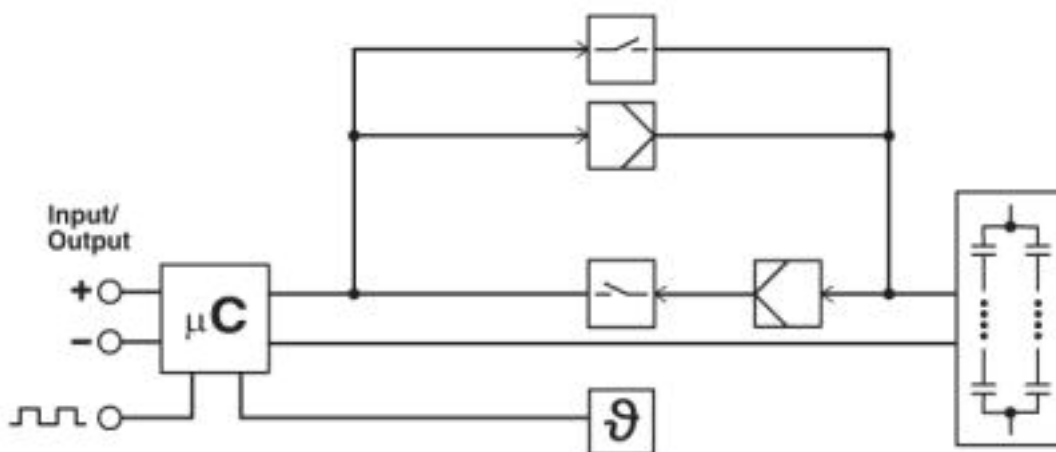
Technical data

Conformance/approvals

Shipbuilding approval	GL applied for
-----------------------	----------------

Drawings

Block diagram



Classifications

eCl@ss

eCl@ss 4.0	27040600
eCl@ss 4.1	27040600
eCl@ss 5.0	27040600
eCl@ss 5.1	27040600
eCl@ss 6.0	27040600
eCl@ss 7.0	27050403
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
ETIM 7.0	EC000357

UNSPSC

UNSPSC 6.01	30211510
UNSPSC 7.0901	39121011



Energy storage - UPS-CAP/24DC/20A/20KJ - 2320380

Classifications

UNSPSC

UNSPSC 11	39121011
UNSPSC 12.01	39121011
UNSPSC 13.2	26111715

Approvals

Approvals


Approvals

DNV GL / 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	
mm ² /AWG/kcmil		6	

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

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
---------------	---	---	---------------

Energy storage - UPS-CAP/24DC/20A/20KJ - 2320380


Approvals

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
-----	---	---------------

cULus Recognized	
------------------	---

cULus Listed	
--------------	---



SCATTERGOOD & JOHNSON LTD

ELECTRICAL ENGINEERING & FLUID CONTROL DISTRIBUTORS

Est.1899

At Scattergood & Johnson Ltd, we pride ourselves on being a technical distributor to specialist industries.

Working with a range of quality product suppliers across a number of specialist markets, we are not your average 'box shifter' - we are your technical and supply chain partner.

We fully support every product we sell - for free! Our internal team and external sales engineers can answer any product or application question, no matter the complexity.

Backing up this technical ability is a range of 50,000+ products available from stock for nationwide next day delivery (same day if required!), or you can collect what you need from any of our trade counters around the UK.

Select your specialist interest below to learn more about how we can help.



Online, In Branch and On the Road - Scattergood & Johnson Ltd, there when you need us.

www.scatts.co.uk