

# UPS-BAT/LI/24DC/128WH - Energy storage



1396415

<https://www.phoenixcontact.com/us/products/1396415>

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Energy storage, Lithium-Ion (LiFePO<sub>4</sub>), 24 V DC, 128 Wh. For use with a QUINT UPS for ambient temperatures (charging) of 0°C ... 60°C and a maximum charging current of 5 A. For charging below 0°C, please note the permissible UPS V/C level.

## 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. Energy storage devices for QUINT UPS with IQ technology leave the warehouse fully charged.

For ambient temperatures (charging) of -10 °C ... +60 °C only for QUINT4-UPS/24DC/... from V/C 05,

1067327 QUINT4-UPS/1AC/1AC/500VA/USB from V/C 02,

2320212 QUINT-UPS/24DC/24DC/5 from V/C 12,

2320225 QUINT-UPS/24DC/24DC/10 from V/C 12,

2320238 QUINT-UPS/24DC/24DC/20 from V/C 12,

2320241 QUINT-UPS/24DC/24DC/40 from V/C 13,

2320461 QUINT-UPS/24DC/12DC/5/24DC/10 from 05,

2320270 QUINT-UPS/1AC/1AC/500VA from V/C 06.

## Commercial data

Item number	1396415
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	CM24
Product key	CMUEL3
GTIN	4063151780043
Weight per piece (including packing)	3,375 g
Weight per piece (excluding packing)	4,300 g
Customs tariff number	85076000
Country of origin	CN

## Technical data

### Energy storage

#### Input

Input voltage	24 V DC
Nominal capacity	128 Wh (2x 64 Wh)
Charging current	10 A
End-of-charge voltage	28.4 V DC (20 °C)

#### Output

Output current	45 A
Output fuse	2x 25 A ATOF Blade Fuse
Buffer time	14 min. (20 A)

#### General

Connection in parallel	yes max. 5
Battery type	Grepow, 2x 25.6 V GRP6053117-8S1P
Battery technology	Lithium-Ion (LiFePO <sub>4</sub> )
IQ-Technology	yes
Latest startup date (battery only)	6 Months (20 °C)
Accumulator module service life (according to Eurobat)	10 (20 °C)
Size designation	Block
Temperature sensor	yes
Disposal	Used batteries must not be thrown away with household waste, they should instead be disposed of in accordance with applicable national regulations.

### Product properties

Product type	Battery unit
Product family	Energy storage
Disposal	Used batteries must not be thrown away with household waste, they should instead be disposed of in accordance with applicable national regulations.

#### Insulation characteristics

Protection class	III
Degree of pollution	2

### Dimensions

#### Item dimensions

Width	135 mm
Height	202 mm
Depth	110 mm

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## Installation dimensions

Installation distance right/left	0 mm / 0 mm
Installation distance top/bottom	50 mm / 50 mm

## Environmental and real-life conditions

### Ambient conditions

Degree of protection	IP20
Ambient temperature (storage/transport)	-30 °C ... 65 °C
Ambient temperature (storage)	-20 °C ... 35 °C (recommended)
Ambient temperature (charge)	-10 °C ... 60 °C (0 °C ... 60 °C, UPS V/C Level)
Ambient temperature (discharge)	-20 °C ... 60 °C
Max. permissible relative humidity (operation)	≤ 95 %
Shock	30g, 18 ms per spatial direction (in accordance with IEC 60068-2-27)
Vibration (operation)	5 Hz ... 100 Hz, 0.7g (in accordance with DNV/IEC 600068-2-6)

## Approvals

### UL

Identification	UL/C-UL Listed UL 61010-1
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### UL

Identification	UL/C-UL Listed ANSI/UL 121201 Class I, Division 2, Groups A, B, C, D (Hazardous Location)
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## Ex data

Suited for EX-applications	No
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## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1396415>



**cULus Listed**

Approval ID: FILE E 123528



**IECEE CB Scheme**

Approval ID: DK-134807-A1-UL



**cULus Listed**

Approval ID: FILE E 199827

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## Classifications

### ECLASS

ECLASS-11.0	27050403
ECLASS-12.0	27050403
ECLASS-13.0	27050403

### ETIM

ETIM 9.0	EC000357
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