

# UPS-BAT/LI-ION/24DC/120WH/KIT - Uninterruptible power supply replacement battery



2909830

<https://www.phoenixcontact.com/us/products/2909830>

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Replacement battery, LI-ION technology, 24 V DC, 120 Wh

## Commercial data

Item number	2909830
Packing unit	1 pc
Minimum order quantity	1 pc
Product key	CMUELY
GTIN	4055626388557
Weight per piece (including packing)	2,555 g
Weight per piece (excluding packing)	2,550 g
Country of origin	CN

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## Technical data

### Input data

Input voltage	24 V DC
Buffer period	14 min (20 A)

### Output data

Nominal output voltage	24 V DC
Output fuse	2x 25 A ATOF 32V
Connection in parallel	3
	3
Connection in series	no

### Energy storage

End-of-charge voltage	28.5 V DC (20 °C)
Charging current	5 A
Nominal capacity	5 Ah
Service life	15 Years (20 °C)
Latest startup date (battery only)	24 Months (20 °C ... 40 °C)
Battery technology	Lithium-Ion (LiFePO <sub>4</sub> )
Accumulator type	NEC ALM 12V7s HP
Size designation	Block
Battery pack	yes
IQ technology	Yes
Temperature sensor	yes
Suitable for fast charging	yes
Approved according to	UL Style 3321150 °C 600 V AC 750 V DC

### Product properties

Product type	Battery
Product family	Replacement battery
IQ technology	Yes

### Insulation characteristics

Protection class	III
Degree of pollution	2

### Dimensions

Width	130 mm
Height	100 mm
Depth	151 mm

### Cable/line

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## Battery connecting cable: A+/-

Cable cross section	6 mm <sup>2</sup>
Color	red/black

## Battery connecting cable: B+/-

Cable cross section	6 mm <sup>2</sup>
Color	red/black

## Environmental and real-life conditions

### Ambient conditions

Degree of protection	IP20
Ambient temperature (operation)	-20 °C ... 60 °C
Ambient temperature (storage/transport)	-40 °C ... 65 °C
Max. permissible relative humidity (operation)	≤ 80 %

## Ex data

Suited for EX-applications	no
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## Classifications

### UNSPSC

UNSPSC 21.0	26111700
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## Environmental product compliance

### EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	7(a), 7(c)-I

### China RoHS

Environment friendly use period (EFUP)	EFUP-10
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.

### EU REACH SVHC

REACH candidate substance (CAS No.)	Lead(CAS: 7439-92-1)
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