

# UPS-BAT/VRLA/24DC/20AH - Battery module



1109004

<https://www.phoenixcontact.com/gb/products/1109004>

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Battery module, lead AGM, VRLA technology, 24 V DC, 20 Ah, 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 battery module and tool-free switching during operation, quick installation is possible. The battery modules for QUINT UPS with IQ Technology leave the warehouse fully charged.

## Your advantages

- Maximum buffer times
- Consists of 2 x 12 V battery modules and an electronic monitoring unit
- Lead AGM (Absorbent Glass Mat) technology

## Commercial data

Item number	1109004
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	CMUEV3
Product key	CMUEV3
GTIN	4063151018931
Weight per piece (including packing)	14,000 g
Weight per piece (excluding packing)	13,200 g
Customs tariff number	85072080
Country of origin	CN

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## Technical data

### Input data

Input voltage	24 V DC
Buffer period	50 min (10 A)
	20 min (30 A)

### Output data

Nominal output voltage	24 V DC
Output fuse	2x 25 A ATOF 32V
Connection in parallel	5
Connection in series	no

### Battery operation

Nominal output voltage	24 V DC
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### Energy storage

End-of-charge voltage	27.6 V (20 °C)
Charging current	8 A
Nominal capacity	20 Ah
Service life	10 Years ... 12 Years (20 °C)
Latest startup date (battery only)	12 Months (0 °C ... 20 °C)
Latest startup (battery only) - range	9 Months ... 12 Months (20 °C ... 30 °C)
	6 Months ... 9 Months (30 °C ... 40 °C)
Battery technology	VRLA-AGM
Memory medium	Lead rechargeable battery module
Accumulator type	Panasonic LC-P1220AP
IQ technology	Yes
Temperature sensor	yes
Approved according to	UL Style 3321150 °C 600 V AC 750 V DC

### Product properties

Product type	Battery module
Product family	Battery module (device with battery)
Disposal	Used batteries must not be thrown away with household waste, they should instead be disposed of in accordance with applicable national regulations.
IQ technology	Yes

### Insulation characteristics

Protection class	III
Degree of pollution	2

### Dimensions

Width	152 mm
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Height	167 mm
Depth	181 mm

## Cable/line

Battery connecting cable: A+/-

Cable cross section	6 mm <sup>2</sup>
Cable length	265 mm
Color	red/black

Battery connecting cable: B+/-

Cable cross section	6 mm <sup>2</sup>
Cable length	265 mm
Color	red/black

## Environmental and real-life conditions

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 %

## Standards and regulations

Standard - Electrical safety	EN 62368-1/VDE 0868-1
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## Approvals

Shipbuilding approval	DNV GL (EMC A), ABS
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)
VdS approval	G 100002

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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	6(c), 7(a), 7(c)-I

### China RoHS

Environment friendly use period (EFUP)	EFUP-25
	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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