

UPS-BAT/VRLA/24DC/20AH - Energy storage



1109004

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

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Energy storage, 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 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 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
Sales Key	CMU
Product Key	CMUEV3
GTIN	4063151018931
Weight per Piece (including packing)	14 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
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
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
Temperature sensor	yes
Approved according to	UL Style 3321150 °C 600 V AC 750 V DC

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.
IQ technology	Yes

Insulation characteristics

Protection class	III
Degree of pollution	2

Dimensions

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Width	152 mm
Height	167 mm
Depth	181 mm

Cable/line

Battery connecting cable: A+/-

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

Battery connecting cable: B+/-

Cable cross section	6 mm ²
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

ECLASS

ECLASS-11.0

27050403

ETIM

ETIM 8.0

EC000357

UNSPSC

UNSPSC 21.0

26111700

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Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 25;
	For information on hazardous substances, refer to the manufacturer's declaration available under "Downloads"

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Accessories

BATTERY MOUNTING CASE M - Mounting set for securing the batteries

1134645

<https://www.phoenixcontact.com/in/products/1134645>



Used for mounting batteries that cannot be mounted on DIN rails.

BATTERY MOUNTING KIT - Mounting set for securing the batteries

2320788

<https://www.phoenixcontact.com/in/products/2320788>



Used for mounting batteries that cannot be mounted on DIN rails.

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FUSE 25A/32V ATOF - Fuse

2908366

<https://www.phoenixcontact.com/in/products/2908366>

Fuse, nominal current: 25 A, length: 19.1 mm, width: 5 mm, height: 18.8 mm



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