

Energy storage - UPS-BAT/PB/24DC/7AH



1274118

<https://www.phoenixcontact.com/us/products/1274118>

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Energy storage, VRLA-AGM, 24 V DC, 7 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
- Lead AGM (Absorbent Glass Mat) technology

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Commercial Data

Item number	1274118
Packing unit	1 pc
Sales Key	C17
Product Key	CMUEV3
GTIN	4063151466428
Weight per Piece (including packing)	6,600 g
Weight per Piece (excluding packing)	5,900 g
Customs tariff number	85072080
Country of origin	CN

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Technical Data

Energy storage

Input voltage	24 V DC (SELV)
End-of-charge voltage	27.6 V DC (20 °C)
Output current I_{\max}	50 A
Charge current	2.1 A
Nominal capacity	7 Ah
Buffer time	10 min. (20 A)
	3 min. (40 A)
Accumulator module service life (according to Eurobat)	6 (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 type	BB Battery BP7-12FR
Battery technology	VRLA-AGM
Size designation	Block
Battery pack	yes
Disposal	Used batteries must not be thrown away with household waste, they should instead be disposed of in accordance with applicable national regulations.
Connection in parallel	yes
Connection in series	No
IQ-Technology	yes
Temperature sensor	yes
Suitable for fast charging	yes
Output fuse	2x 25 A

Connection data

Conductor connection

Connection method	Screw connection
rigid	10 mm ² ... 16 mm ²
flexible	10 mm ² ... 16 mm ²
rigid (AWG)	8 ... 6 (Cu)
Stripping length	10 mm
Torque	1.2 Nm ... 1.5 Nm
Drive form screw head	Slotted L

Product properties

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

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Insulation characteristics

Protection class	III
Degree of pollution	2

Dimensions

Width	135 mm
Height	202 mm
Depth	110 mm

Installation dimensions

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

Mounting

Mounting position	horizontal DIN rail NS 35, EN 60715
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Material specifications

Housing material	Metal
Type of housing	Galvanized sheet steel, powder-coated

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP20
Ambient temperature (storage/transport)	-20 °C ... 40 °C
Ambient temperature (charge)	0 °C ... 40 °C
Ambient temperature (discharge)	-20 °C ... 50 °C
Max. permissible relative humidity (operation)	≤ 95 %
Shock	18 ms, 30g, in each space direction (according to IEC 60068-2-27)
Vibration (operation)	< 15 Hz, amplitude ±2,5 mm, 15 Hz ... 150 Hz, according to IEC 60068-2-6 15 Hz ... 150 Hz, 2.3g, 90 min.

Ex data

Suited for EX-applications	No
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Approvals

ABS

Approval ID: 22-2244289-PDA



EAC

Approval ID: RU*DE*01.B.78948/21



DNV GL

Approval ID: TAA0000265



EAC

Approval ID: RU*DE*01.B.78948/21



cULus Listed

Approval ID: FILE E 123528



DNV GL

Approval ID: TAA0000265



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Approval ID: FILE E 199827



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Classifications

ECLASS

ECLASS-11.0	27050403
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ETIM

ETIM 8.0	EC000357
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UNSPSC

UNSPSC 21.0	26111700
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Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 8
	For information on hazardous substances, refer to the manufacturer's declaration available under "Downloads"

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Accessories

Mounting adapter

Mounting adapter - QUINT-ADAPTER/4 - 2866857

<https://www.phoenixcontact.com/us/products/2866857>

Assembly adapter for QUINT-BAT/24DC... on 35mm rail



Fuse

Fuse - FUSE 25A/32V ATOF - 2908366

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

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



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Uninterruptible power supply replacement battery

Uninterruptible power supply replacement battery - UPS-BAT-KIT/PB/2X12V/7AH - 1283119

<https://www.phoenixcontact.com/us/products/1283119>

Replacement battery, VRLA-AGM, 2x12 V DC, 7 Ah



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