

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



1348516

<https://www.phoenixcontact.com/in/products/1348516>

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Energy storage, VRLA-AGM, 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

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Commercial Data

Item number	1348516
Packing unit	1 pc
Minimum order quantity	1 pc
Product Key	CMUEV3
GTIN	4063151665951
Weight per Piece (including packing)	13.4 kg
Weight per Piece (excluding packing)	13.2 kg
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 (20 °C)
Output current I_{\max}	45 A
Charge current	6 A
Nominal capacity	20 Ah
Buffer time	82 min. (10 A)
	22 min. (30 A)
Accumulator module service life (according to Eurobat)	8 (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 BP 20-12FR
Battery technology	VRLA-AGM
Storage medium	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	Push-in connection
rigid	0.75 mm ² ... 16 mm ²
flexible	0.75 mm ² ... 16 mm ²
rigid (AWG)	18 ... 4
Stripping length	18 mm

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.

Insulation characteristics

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Protection class	III
Degree of pollution	2

Dimensions

Width	155 mm
Height	168 mm
Depth	183 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

Cable / line

Battery connecting cable: 6 mm² 265 mm red/black (A+/-)

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

Battery connecting cable: 6 mm² 265 mm red/black (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 (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 %

Ex data

Suited for EX-applications	No
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Approvals



DNV GL

Approval ID: TAA0000265

	Nominal Voltage U_N	Nominal Current I_N	Cross Section AWG	Cross Section mm^2
	500 V	41 A	-	- 6



cULus Listed

Approval ID: FILE E 123528



cULus Listed

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	
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Environmental Product Compliance

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

Fuse

Fuse - FUSE 25A/32V ATOF - 2908366

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

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



Mounting set for securing the batteries

Mounting set for securing the batteries - BATTERY MOUNTING CASE M - 1134645

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

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



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Mounting set for securing the batteries

Mounting set for securing the batteries - BATTERY MOUNTING KIT - 2320788

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



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

Mounting set for securing the batteries

Mounting set for securing the batteries - BATTERY MOUNTING CASE - 2320458

<https://www.phoenixcontact.com/in/products/2320458>



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

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PHOENIX CONTACT (I) Pvt. Ltd.

A-58/2, Okhla Industrial Area, Phase - II, New Delhi-110 020

+91.1275.71420

info@phoenixcontact.co.in