

1274520

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Battery module (device with battery), VRLA-AGM, 24 V DC, 1.2 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 are fully charged before being sent to our warehouse.

Your advantages

- Maximum buffer times
- · Lead AGM (Absorbent Glass Mat) technology

Commercial data

Item number	1274520
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	CM24
Product key	CMUEV3
GTIN	4063151466640
Weight per piece (including packing)	2,275 g
Weight per piece (excluding packing)	1,700 g
Customs tariff number	85072080
Country of origin	CN



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Technical data

Notes

General

Note on the battery	This product contains a battery with a limited shelf life that must be charged every few months. The product packaging indicates when the battery must be started up or recharged. The general shelf life can be found in the energy storage devices area under
	"Latest startup".

Energy storage

Input

Input voltage	24 V DC (SELV)
Nominal capacity	1.2 Ah
Charging current	0.36 A
End-of-charge voltage	27.6 V DC (20 °C)

Output

Catpat	
Output voltage	24 V DC
Output current	max. 15 A
Output fuse	1x 15 A
Buffer time	20 min (2 A)
	5 min (5 A)

General

Connection in parallel	yes
	max. 5
Connection in series	no
Battery type	BB Battery BP1.2-12FR
Battery technology	VRLA-AGM
IQ-Technology	yes
Latest startup date (battery only)	3 Months (0 °C 20 °C)
	1 Months (30 °C 40 °C)
Latest startup (battery only) - range	1 Months 3 Months (20 °C 30 °C)
Accumulator module service life (according to Eurobat)	6 (20 °C)
Size designation	Block
Battery pack	yes
Suitable for fast charging	yes
Temperature sensor	yes
Number of replacement battery kits	1x (UPS-BAT-KIT/PB/2X12V/1.2AH (1283114))

Connection data

Battery

· · · · · · ·	
Position	4.x



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Position marking	4.1 (+), 4.2 (-)
onductor connection	
Connection method	Screw connection
rigid	0.2 mm² 4 mm²
	2.5 mm ² 4 mm ² (recommended)
flexible	0.2 mm ² 2.5 mm ²
	2.5 mm² (recommended)
AWG	24 12
	14 12 (recommended)
Stripping length	8 mm (recommended)
	8 mm
Tightening torque	0.5 Nm 0.6 Nm
	5 lb _f -in 7 lb _f -in.
Drive form screw head	Slotted L
IN	
Position	4.x
onnection technology	
Position marking	4.3 (ЛГ聲.
onductor connection	
Connection method	Screw connection
rigid	0.2 mm² 4 mm² (LIN)
flexible	0.2 mm² 2.5 mm² (LIN)
AWG	24 12 (LIN)
Stripping length	8 mm (LIN)
Tightening torque	0.5 Nm 0.6 Nm (LIN)
· · · · · · · · · · · · · · · · · · ·	5 lb _c -in 7 lb _c -in. (LIN)
	- 1
Drive form screw head	Slotted L
Drive form screw head	
Drive form screw head duct properties	Slotted L
Drive form screw head duct properties Product type	Slotted L Battery module

III 2

Dimensions

Protection class

Degree of pollution



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Item dimensions	
Width	54 mm
Height	157 mm
Depth	113 mm
Drill hole	
Diameter	5 mm
Installation dimensions	
Installation distance right/left	0 mm / 0 mm
Installation distance top/bottom	5 mm / 5 mm
Mounting	
Mounting position	horizontal DIN rail NS 35, EN 60715
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	15g, 11 ms, in each space direction (in accordance with IEC 60068-2-27)
Vibration (operation)	5 Hz 100 Hz, 0.7g (in accordance with DNV / IEC 60068-2-6)

Approvals

UL	
Identification	UL/C-UL Listed UL 61010-1
UL	
Identification	UL/C-UL Listed ANSI/UL 121201 Class I, Division 2, Groups A, B, C, D (Hazardous Location)
Shipbuilding	
Identification	DNV
Shipbuilding	
Identification	ABS
Shipbuilding	
Identification	LR



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;	Shipbuilding	
	Identification	BV
Ex	data	
	Suited for EX-applications	no

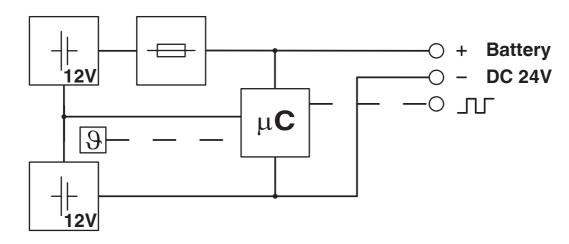


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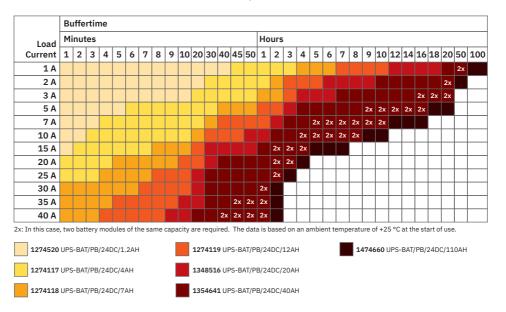
Drawings

Block diagram



Block diagram

Graphic



Lead battery buffer times for QUINT DC UPS



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Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/1274520

Approval ID: 22-2244289-PDA



EAC

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



cULus Listed

Approval ID: FILE E 123528



LR

Approval ID: LR22136091TA



ΒV

Approval ID: 41516/B0 BV

П	ח	N	V

Approval ID: TAA0000265

Approval ID: TAA0000265						
		Nominal voltage U _N	Nominal current I _N	Cross section AWG	Cross section mm ²	
		500 V	41 A	-	- 6	



IECEE CB Scheme

Approval ID: DK-134807-A1-UL



cULus Listed

Approval ID: FILE E 199827



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Classifications

ECLASS

	ECLASS-11.0	27050403		
	ECLASS-12.0	27050403		
	ECLASS-13.0	27050403		
ETIM				
	ETIM 9.0	EC000357		
UNSPSC				
	UNSPSC 21.0	26111700		



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Environmental product compliance

EU RoHS

Yes	
7(c)-l	
EFUP-8	
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.	
Diboron trioxide(CAS: 1303-86-2)	
Lead monoxide (lead oxide)(CAS: 1317-36-8)	
Lead(CAS: 7439-92-1)	
db7d1870-c776-4a04-810c-10eed5bb3e7f	
21.09 kg CO2e	



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Accessories

QUINT-ADAPTER/4 - Mounting adapter

2866857

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

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



FUSE 15A/32V FK1 - Fuse

2908360

https://www.phoenixcontact.com/us/products/2908360



Fuse, nominal current: 15 A, length: 11.9 mm, width: 3.8 mm, height: 16.2 mm



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UPS-BAT-KIT/PB/2X12V/1.2AH - Uninterruptible power supply replacement battery

1283114

https://www.phoenixcontact.com/us/products/1283114



Replacement battery, VRLA-AGM, 2x12 V DC, 1.2 Ah. Only for 1274520 UPS-BAT/PB/24DC/1.2AH and 2320254 QUINT-UPS/24DC/24DC/5/1.3AH from V/C 05

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