

UPS-BAT/PB/24DC/40AH - Battery module



1354641

<https://www.phoenixcontact.com/in/products/1354641>

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.



Battery module, VRLA-AGM, 24 V DC, 40 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
- Consists of 2 x 12 V battery modules and an electronic monitoring unit
- Lead AGM (Absorbent Glass Mat) technology

Commercial data

Item number	1354641
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	CMU
Product key	CMUEV3
GTIN	4063151686215
Weight per piece (including packing)	30,500 g
Weight per piece (excluding packing)	28,600 g
Customs tariff number	85072080
Country of origin	CN

UPS-BAT/PB/24DC/40AH - Battery module



1354641

<https://www.phoenixcontact.com/in/products/1354641>

Technical data

Energy storage

Input

Input voltage	24 V DC (SELV)
Nominal capacity	40 Ah
Charging current	12 A
End-of-charge voltage	27.6 V (20 °C)

Output

Output current I_{\max}	45 A
Output fuse	2x 25 A
Buffer time	82 min. (20 A)
	35 min. (40 A)

General

Connection in parallel	yes
	max. 5
Battery type	BB Battery BP 40-12FR
Battery technology	VRLA-AGM
IQ-Technology	yes
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)
Accumulator module service life (according to Eurobat)	8 (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/40AH (1383182))
Disposal	Used batteries must not be thrown away with household waste, they should instead be disposed of in accordance with applicable national regulations.

Connection data

Conductor connection

Connection method	Push-in connection
-------------------	--------------------

Product properties

Product type	Battery unit
Product family	Battery module
Application	for QUINT4 DC-UPS, QUINT4 AC-UPS, QUINT-UPS, and TRIO-UPS-2G
Disposal	Used batteries must not be thrown away with household waste,

UPS-BAT/PB/24DC/40AH - Battery module



1354641

<https://www.phoenixcontact.com/in/products/1354641>

they should instead be disposed of in accordance with applicable national regulations.

Insulation characteristics

Protection class	III
Degree of pollution	2

Dimensions

Item dimensions

Width	333 mm
Height	173 mm
Depth	199 mm

Drill hole

Diameter	5 mm
----------	------

Mounting

Mounting position	Horizontally, on a mounting panel
-------------------	-----------------------------------

Material specifications

Housing material	Plastic
------------------	---------

Cable/line

Battery connecting cable:

Cable cross section	6 mm ²
Cable length	340 mm
Color	red/black

Battery connecting cable:

Cable cross section	6 mm ²
Cable length	110 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
----------------------------	----