QUINT-HP-BAT/PB/48DC/7.0AH/PT - Battery module

1133819

https://www.phoenixcontact.com/us/products/1133819

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Battery module, VRLA-AGM, 48 V DC, 7 Ah

Commercial data

Item number	1133819
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	CM30
Product key	CMUEV4
GTIN	4063151064877
Weight per piece (including packing)	14,200 g
Weight per piece (excluding packing)	13,600 g
Customs tariff number	85072080
Country of origin	DE

Technical data

Notes

General

Note on the battery	For proper operation of the QUINT-HP-UPS/120AC/2.5KVA/PT (1136813) and QUINT-HP-UPS/230AC/2.5KVA/PT (1136815) uninterruptible power supplies, at least 2 QUINT-HP-BAT/PB/48DC/7.0AH/PT (1133819) battery modules are required. For longer buffer times, multiples of 2 battery modules must always be connected to the UPS (2, 4, 6, 8, or 10). A maximum of 10 batteries can be connected to a single UPS of this type. QUINT-HP-UPS/120AC/1.5KVA/PT (1136804) and QUINT-HP-UPS/230AC/1.5KVA/PT (1136811) can be supplied with individual battery modules (1-5 modules).

Energy storage

Input

Input voltage	48 V DC (SELV)
Nominal capacity	7 Ah
Charging current	2.1 A
End-of-charge voltage	56 V DC (20 °C)

Output

Output current	40 A
Output fuse	max. 40 A

General

Connection in parallel	yes
	max. 5
Battery type	BB Battery BP7-12FR
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)	6 (20 °C)
Size designation	Block
Suitable for fast charging	yes
Temperature sensor	yes

Product properties

Product type	Battery module
Product family	Battery module

Data management status

Article revision	01

Insulation characteristics

Protection class	III
Degree of pollution	2

Dimensions

Item dimensions

Width	156.5 mm
Height	354 mm
Depth	143 mm

Drill hole

Diameter	5.5 mm

Installation dimensions

Installation distance right/left	0 mm / 0 mm
Installation distance top/bottom	20 mm / 20 mm

Environmental and real-life conditions

Ambient conditions

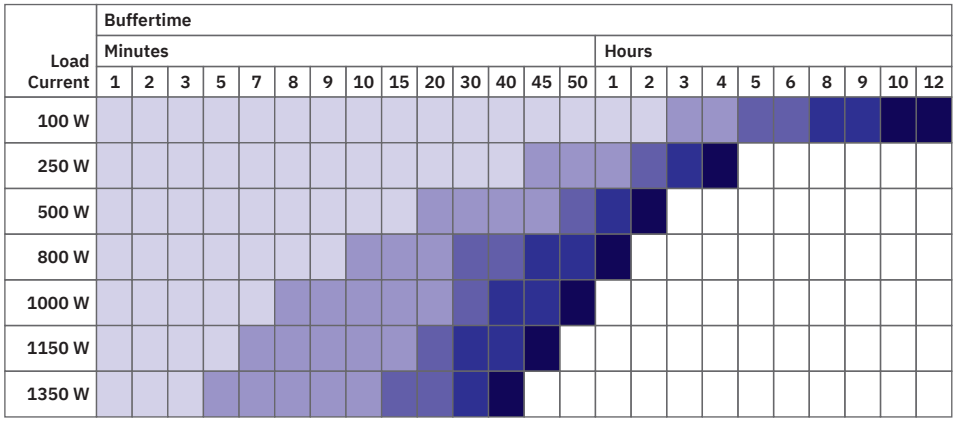
Degree of protection	IP20
Ambient temperature (storage/transport)	-20 °C ... 40 °C
Ambient temperature (charge)	0 °C ... 40 °C
Ambient temperature (discharge)	-20 °C ... 50 °C
Max. permissible relative humidity (operation)	≤ 95 %

Ex data

Suited for EX-applications	no

Drawings

Graphic



The data isbasedon an ambient temperatureof +25 °C at the start of use.

1x **1133819** QUINT-HP-BAT/PB/48DC/7.0AH/PT

2x **1133819** QUINT-HP-BAT/PB/48DC/7.0AH/PT

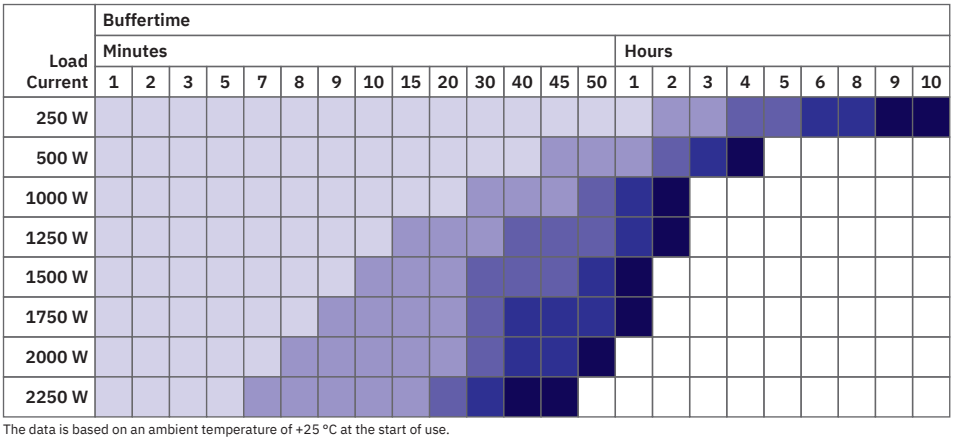
3x **1133819** QUINT-HP-BAT/PB/48DC/7.0AH/PT

4x **1133819** QUINT-HP-BAT/PB/48DC/7.0AH/PT

5x **1133819** QUINT-HP-BAT/PB/48DC/7.0AH/PT

Buffer times for QUINT HP UPS 1.5 kVA

Graphic



The data is based on an ambient temperature of +25 °C at the start of use.

2x **1133819** QUINT-HP-BAT/PB/48DC/7.0AH/PT

4x **1133819** QUINT-HP-BAT/PB/48DC/7.0AH/PT

6x **1133819** QUINT-HP-BAT/PB/48DC/7.0AH/PT

8x **1133819** QUINT-HP-BAT/PB/48DC/7.0AH/PT

10x **1133819** QUINT-HP-BAT/PB/48DC/7.0AH/PT

Buffer times for QUINT HP UPS 2.5 kVA

Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/1133819

IECEE CB Scheme
Approval ID: DK-134725-A1-UL

cULus Listed
Approval ID: E123528-20220920

cULus Listed
Approval ID: E199827-20221028

Classifications

ECLASS

ECLASS-13.0	27050403
ECLASS-11.0	27050403

ETIM

ETIM 9.0	EC000357

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions

EU REACH SVHC

REACH candidate substance (CAS No.)	Lead(CAS: 7439-92-1)

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