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

1133819

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Battery module (device with battery), VRLA-AGM, 48 V DC, 7 Ah

Product description

The maintenance-free lead AGM battery module is an intelligent energy storage device that supports IQ Technology. The process-controlled battery module communicates with the connected QUINT-UPS-IQ device, and is continuously monitored. For mechanical protection, the batteries are located in a robust housing.

ELEKTROGERÄTE RÜCKNAHME

Commercial data

Item number	1133819
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	CM30
Weight per piece (excluding packing)	14,102 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)
Service life	6 Years
Size designation	Block
Suitable for fast charging	yes
Temperature sensor	yes

Connection data

Battery

Position	4.x

Connection technology

Position marking	4.1 (+), 4.2 (+)

Conductor connection

Connection method	Push-in connection
rigid	6 mm² ... 16 mm²
flexible	6 mm² ... 16 mm²
flexible with ferrule without plastic sleeve	6 mm² ... 16 mm²
flexible with ferrule with plastic sleeve	6 mm² ... 16 mm²
AWG	8 ... 6
Stripping length	18 mm

Battery

Position	4.x

Connection technology

Position marking	4.3 (-), 4.4 (-)

Conductor connection

Connection method	Push-in connection
rigid	6 mm² ... 16 mm²
flexible	6 mm² ... 16 mm²
flexible with ferrule without plastic sleeve	6 mm² ... 16 mm²
flexible with ferrule with plastic sleeve	6 mm² ... 16 mm²
AWG	8 ... 6
Stripping length	18 mm

Product properties

Product type	Battery module
Product family	Battery module (device with battery)

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

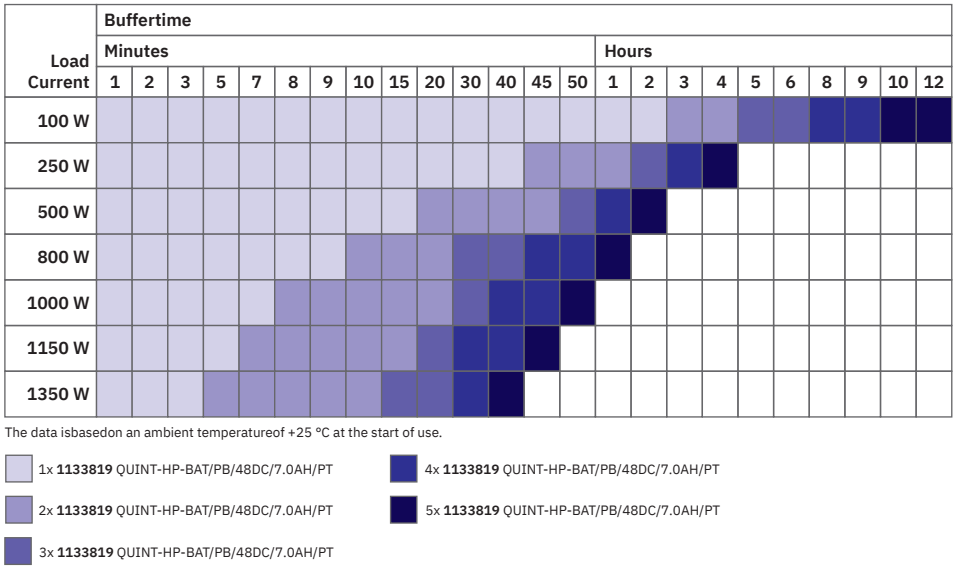
Degree of protection	IP20
Ambient temperature (storage/transport)	-20 °C ... 40 °C
Ambient temperature (charge)	0 °C ... 40 °C
Ambient temperature (discharge)	-20 °C ... 50 °C
Max. permissible relative humidity (operation)	≤ 95 %

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

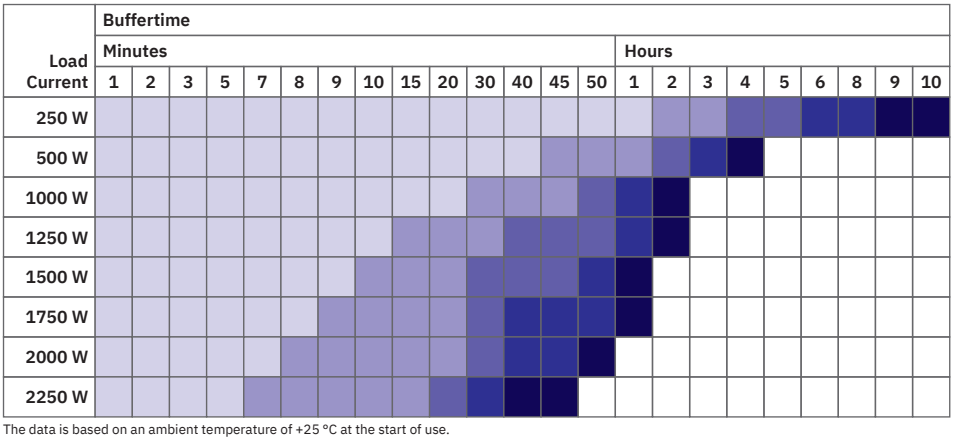
3x **1133819** QUINT-HP-BAT/PB/48DC/7.0AH/PT

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

Classifications

ECLASS

ECLASS-13.0	27050403
ECLASS-15.0	27050403

ETIM

ETIM 10.0	EC003893

UNSPSC

UNSPSC 21.0	26111700

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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Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com