

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
Product key	CMUEV4
GTIN	4063151064877
Weight per piece (including packing)	14,200 g
Weight per piece (excluding packing)	13,600 g
Country of origin	DE

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



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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).
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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

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



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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
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