

Product data sheet

Specifications



Easy UPS control module, 24V DC-DC, DIN Rail, Industrial, 20A

BVS480XPDR

Overview

Lead time Usually in Stock

Main

Main Input Voltage	24 V DC
Product or Component Type	Uninterruptible power supply (UPS)
Main Output Voltage	24 V DC
Kw Rating	480 W
Connections - terminals	1 2 pins

Batteries & Runtime

Battery Type	External battery system
Battery Voltage	24 V

General

Number of power module	1
Provided equipment	User Manual

Physical

color	Metal grey
Height	5.08 in (129 mm)
Width	1.6 in (40 mm)
Depth	4.7 in (119 mm)
Product Weight	1.1 lb(US) (0.5 kg)
Mounting Mode	DIN Rail Mount
Mounting position	Horizontal

Input

Number of input connectors	1 terminal block 2-wire
Efficiency at full load	21.6...28.8 V 24 V DC
Maximum Input Current per Phase	20 A
Input protection type	Integrated fuse (not interchangeable) Against reverse polarity Protected against short-circuit

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Output

Waveform Type	DC
Overload Operation	60 seconds @ 130% and 30 seconds @ 145%
Efficiency at full load	95 %
Maximum output current	20 A

Conformance

Product Certifications	CE TÜV
Standards	UL 60950-1 IEC 62368-1 CSA-C22.2 No 62368-1-14 IEC 61010-1

Environmental

Ambient air temperature for operation	5...122 °F (-15...50 °C)
Relative Humidity	0...95 % non-condensing
Operating altitude	0...9842.52 ft (0...3000 m)
Ambient Air Temperature for Storage	5...158 °F (-15...70 °C)
Storage Relative Humidity	0...95 % non-condensing
Storage altitude	0.000000000...9842.5 ft (0...3000 m)
Acoustic level	40 dB
IP degree of protection	IP20

Ordering and shipping details

GTIN	731304436959
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Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	7.48 in (19.000 cm)
Package 1 Width	2.24 in (5.700 cm)
Package 1 Length	7.40 in (18.800 cm)
Package 1 Weight	18.377 oz (521.000 g)
Unit Type of Package 2	S03
Number of Units in Package 2	6
Package 2 Height	11.81 in (30.000 cm)
Package 2 Width	11.81 in (30.000 cm)
Package 2 Length	15.75 in (40.000 cm)
Package 2 Weight	7.818 lb(US) (3.546 kg)
Unit Type of Package 3	P12
Number of Units in Package 3	48
Package 3 Height	17.72 in (45.000 cm)
Package 3 Width	31.50 in (80.000 cm)

Package 3 Length	47.24 in (120.000 cm)
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Package 3 Weight	88.996 lb(US) (40.368 kg)
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Contractual warranty

Warranty	2 Years repair or replace
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Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

Environmental footprint

[Environmental Disclosure](#)

[Product Environmental Profile](#)

Use Better

Materials and Substances

Packaging made with recycled cardboard

No

Packaging without single use plastic

No

[EU RoHS Directive](#)

Compliant with Exemptions

SCIP Number

0e08a18f-3817-49e1-a0e2-b298526f0a43

REACH Regulation

[REACH Declaration](#)

Use Again

Repack and remanufacture

Circularity Profile

[End of Life Information](#)

Removable battery

Yes

Take-back

No

WEEE


 The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.

Image of product / Alternate images

Alternative

