

# Product datasheet

Specifications



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

BVS480XDPDR

### 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
Rated power in W	480 W
Connections - terminals	12 pins

### Batteries & Runtime

Battery type	External battery system
Battery voltage	24 V

### General

Number of power module	1
Provided equipment	User manual

### Physical

Colour	Metal grey
Height	129 mm
Width	40 mm
Depth	119 mm
Net weight	0.5 kg
Mounting mode	DIN rail mount
Mounting position	Horizontal

### Input

Number of input connectors	1 terminal block 2-wire
Input voltage limits	21.6...28.8 V 24 V DC
Maximum input current	20 A
Input protection type	Integrated fuse (not interchangeable) Against reverse polarity Protected against short-circuit

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

## Output

Wave type	DC
Output overload operation	60 seconds at 130% and 30 seconds at 145%
Efficiency	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	-15...50 °C
Relative humidity	0...95 % non-condensing
Operating altitude	0...3000 m
Ambient air temperature for storage	-15...70 °C
Storage Relative Humidity	0...95 % non-condensing
Storage altitude	0...3000 m
Acoustic level	40 dB
IP degree of protection	IP20

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	190 mm
Package 1 Width	57 mm
Package 1 Length	188 mm
Package 1 Weight	0.7 kg

## Logistical informations

Country of origin	CN
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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

REACH Regulation

[REACH Declaration](#)

China RoHS Regulation

[China RoHS declaration](#)

## Use Again

### Repack and remanufacture


Circularity Profile

[End of Life Information](#)

Removable battery

Yes

WEEE

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

Take-back

No