

Product datasheet

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 Power module

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

Product 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	19.000 cm
Package 1 Width	5.700 cm
Package 1 Length	18.800 cm
Package 1 Weight	521.000 g
Unit Type of Package 2	S03
Number of Units in Package 2	6
Package 2 Height	30.000 cm
Package 2 Width	30.000 cm
Package 2 Length	40.000 cm
Package 2 Weight	3.546 kg
Unit Type of Package 3	P12
Number of Units in Package 3	48
Package 3 Height	45.000 cm
Package 3 Width	80.000 cm
Package 3 Length	120.000 cm
Package 3 Weight	40.368 kg

Contractual warranty

Warranty (in months)

24



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

Total lifecycle Carbon footprint	18 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	5 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0.1 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	13 kg CO2 eq.
Carbon footprint of the end-of-life phase [C1 to C4]	0 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile

Use Better



Materials and Substances

Packaging made with recycled cardboard	No
Packaging without single use plastic	No
SCIP Number	0e08a18f-3817-49e1-a0e2-b298526f0a43
EU RoHS Directive	Compliant By Exemption
REACH Regulation	Reference contains Substances of Very High Concern above the threshold

Use Longer



Lifetime extension

Repair	No
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Use Again



Repack and remanufacture

Recyclability potential, in %	62
End of life manual availability	End of Life Information
Removable battery	Yes
Take-back	Nej
WEEE Label	 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

