

Product data sheet

Specifications



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

BVS480XDPDR

Product availability: Stock - Normally stocked in distribution facility

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 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...9842.5 ft (0...3000 m) |
| Acoustic level | 40 dB |
| IP degree of protection | IP20 |

Ordering and shipping details

| | |
|------|--------------|
| GTIN | 731304436959 |
|------|--------------|

Packing Units

| | |
|------------------------------|-------------------------|
| Unit Type of Package 1 | PCE |
| Nbr. of units in pkg. | 1 |
| Package 1 Height | 7.480 in (19.000 cm) |
| Package 1 Width | 2.244 in (5.700 cm) |
| Package 1 Length | 7.402 in (18.800 cm) |
| Package weight(Lbs) | 18.377 oz (521.000 g) |
| Unit Type of Package 2 | S03 |
| Number of Units in Package 2 | 6 |
| Package 2 Height | 11.811 in (30.000 cm) |
| Package 2 Width | 11.811 in (30.000 cm) |
| Package 2 Length | 15.748 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 | 17.717 in (45.000 cm) |
| Package 3 Width | 31.496 in (80.000 cm) |

| | |
|-------------------------|------------------------|
| Package 3 Length | 47.244 in (120.000 cm) |
|-------------------------|------------------------|

| | |
|-------------------------|---------------------------|
| Package 3 Weight | 88.996 lb(US) (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 |
|--------|----|

Use Again



Repack and remanufacture

| | |
|-------------------------------|--|
| Recyclability potential, in % | 62 |
| Circularity Profile | End of Life Information |
| Removable battery | Yes |
| Take-back | Yes |
| 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

