

# Product data sheet

Specifications



## Regenerative unit, Altivar, 7,5kW, for Altivar variable speed drive

ATVRU75N4

### Main

Range Of Product	Altivar
Range Compatibility	Altivar Machine ATV340 Altivar Process ATV900 Altivar Machine ATV320
Product Or Component Type	Power module
Device Application	Energy regeneration
[Us] Rated Supply Voltage	380...500 V - 15...10 %
[Ue] Rated Operational Voltage	456...778 V DC
Rated Power In W	6.8 kW

### Complementary

Network Frequency	45...65 Hz
Network Number Of Phases	3 phases
Fixing Mode	By screws
Maximum Voltage Drop At Rated Load	3 %
Electrical Connection	Control: removable screw terminal block: 0.5...1.5 mm², AWG 20...AWG 16 (bottom) Power supply: removable screw terminal block: 2.5...4 mm², AWG 12...AWG 10 (top) DC bus: removable screw terminal block: 2.5...4 mm², AWG 12...AWG 10 (bottom)
Input Current	16.5 A at 380 V AC for voltage inputs (continuous) 14.5 A at 500 V AC for voltage inputs (continuous) 22.9 A at 380 V AC for voltage inputs (transient for 60 s) 19.1 A at 500 V AC for voltage inputs (transient for 60 s)
Input Power	6.8 kW at 380...500 V AC for voltage inputs (continuous) 10.2 kW at 380...500 V AC for voltage inputs (transient for 60 s)
Maximum Dc Bus Voltage	300...880 V DC
Output Current	13.4 A at 380 V AC (continuous) 11.9 A at 500 V AC (continuous) 18.4 A at 380 V AC (transient for 60 s) 15.4 A at 500 V AC (transient for 60 s)
Width	80 mm
Height	337 mm
Depth	175 mm
Net Weight	6 kg

### Environment

Standards	IEC 61800-5-1 IEC 61800-3
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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

Product Certifications	cUL
Ambient Air Temperature For Operation	-10...50 °C without derating 50...60 °C with derating factor
Ambient Air Temperature For Storage	-40...70 °C
Operating Altitude	<= 1000 m without derating 1000...3000 m with power derating 1 % per 100 m
Operating Position	Vertical or horizontal position
Type Of Cooling	Fan
Environmental Characteristic	Chemical pollution resistance class 3C3 conforming to IEC 60721-3-3 Dust pollution resistance class 3S2 conforming to IEC 60721-3-3
Pollution Degree	2 conforming to IEC 61800-5-1

## Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	20.000 cm
Package 1 Width	25.800 cm
Package 1 Length	51.500 cm
Package 1 Weight	7.510 kg
Unit Type Of Package 2	P06
Number Of Units In Package 2	6
Package 2 Height	75.000 cm
Package 2 Width	60.000 cm
Package 2 Length	80.000 cm
Package 2 Weight	58.060 kg

## Sustainability

**Green Premium™** label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO<sub>2</sub> products.

**Guide to assessing product sustainability** is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

[Learn more about Green Premium >](#)

[Guide to assess a product's sustainability >](#)



Transparency   RoHS/REACH

## Resource performance

✓ Upgraded Components Available

## Well-being performance

✓ Mercury Free

✓ Rohs Exemption Information   Yes

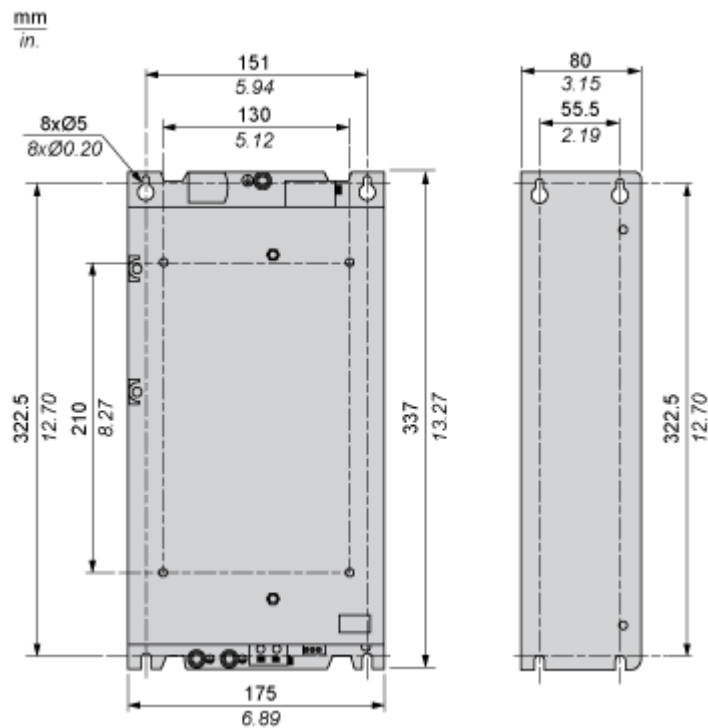
## Certifications & Standards

Reach Regulation	<a href="#">REACH Declaration</a>
Eu Rohs Directive	Pro-active compliance (Product out of EU RoHS legal scope)
China Rohs Regulation	<a href="#">China RoHS declaration</a>
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
Circularity Profile	<a href="#">End of Life Information</a>
California Proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>

Dimensions Drawings

Dimensions

Front and Side Views

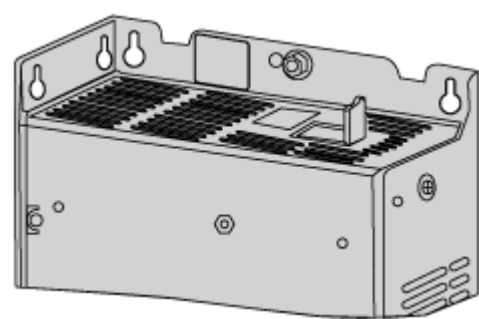
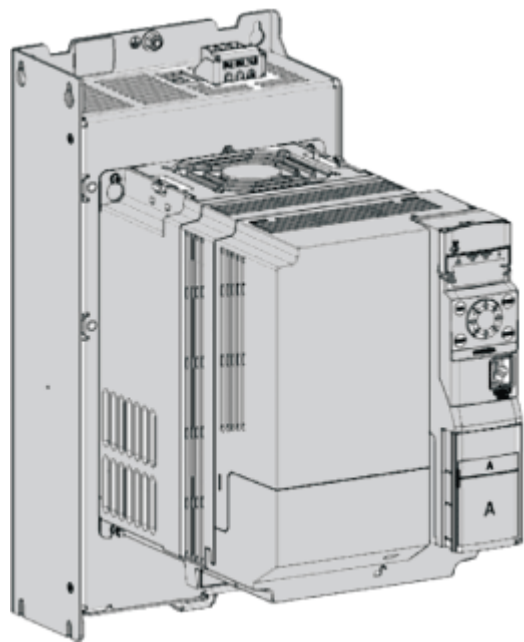


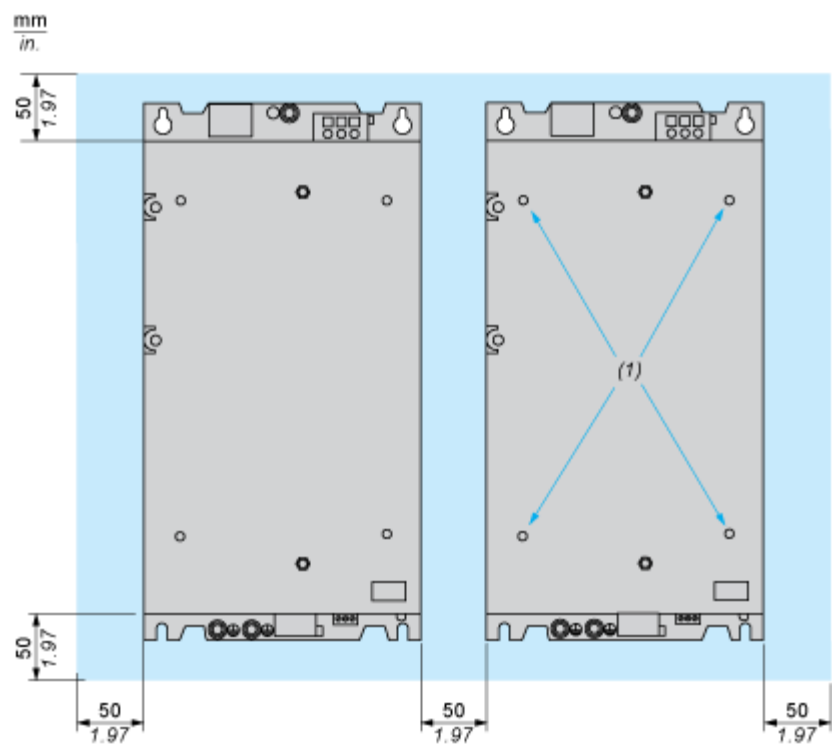
Mounting and Clearance

Mounting Recommendations

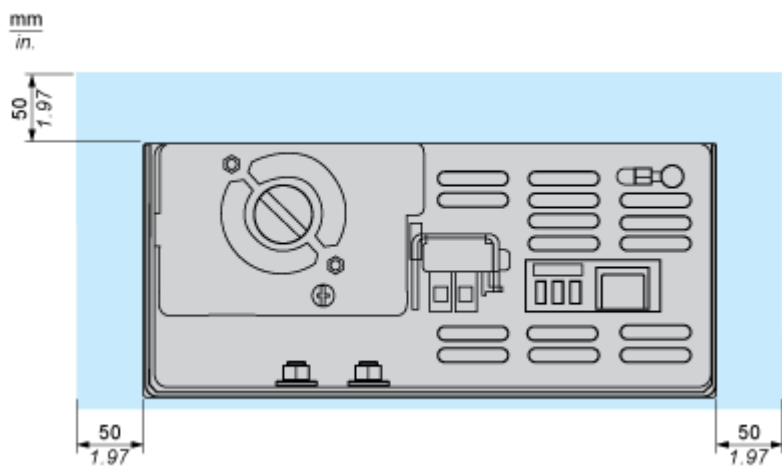
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Vertical Flat Mounting





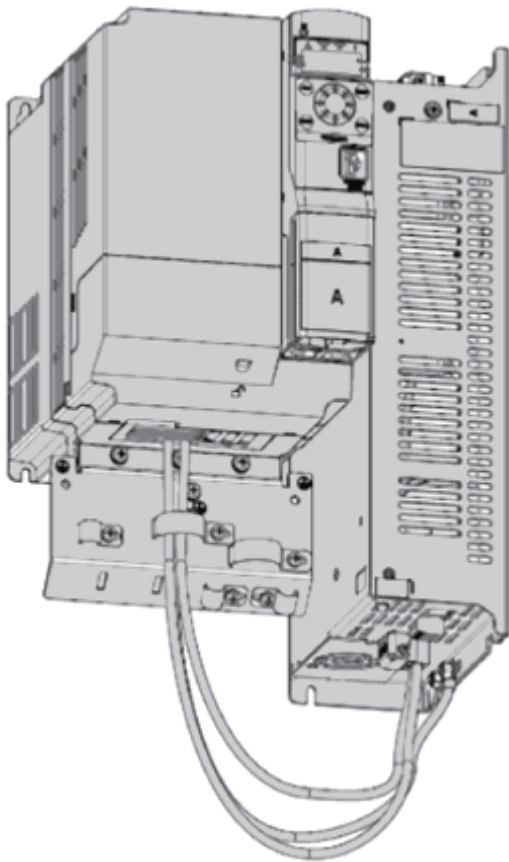
(1) : Fixing holes for ATV320

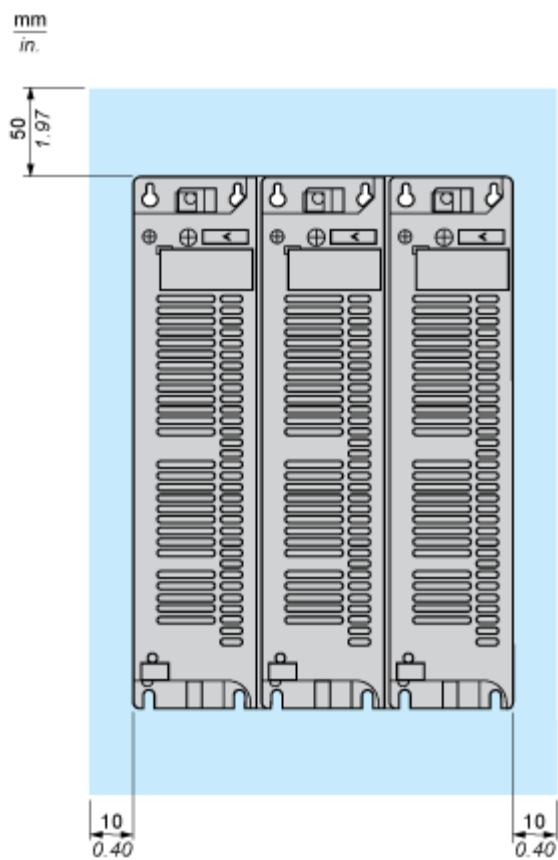


Mounting Recommendations

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Side by Side Mounting

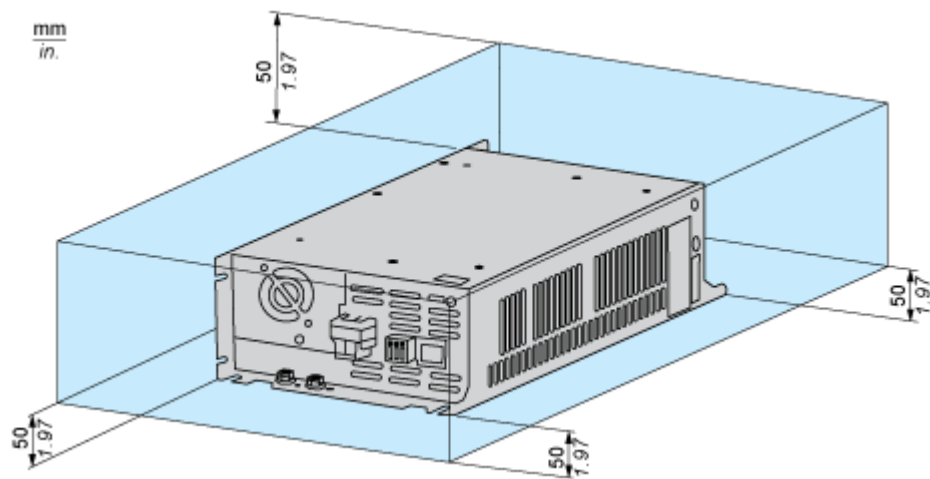






Mounting Recommendations

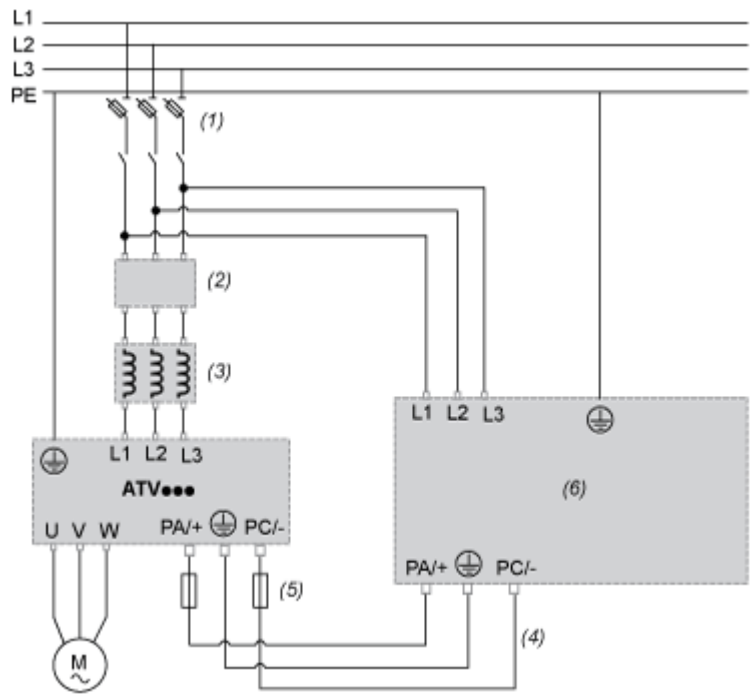
Horizontal Flat Mounting



Connections and Schema

Wiring Diagram

Drive and Regenerative Unit



- (1) : AC protection fuses
- (2) : Optional additional EMC input Filter (see drive catalog)
- (3) : Optional AC Choke (see drive catalog)
- (4) : DC bus link
- (5) : DC protection fuses
- (6) : Altivar Regenerative Unit