

Lembar data produk

Spesifikasi



Regenerative unit - 7,5 kW - 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 mm ² , AWG 20...AWG 16 (bottom) Power supply: removable screw terminal block: 2.5...4 mm ² , AWG 12...AWG 10 (top) DC bus: removable screw terminal block: 2.5...4 mm ² , 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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Disklaimer: Dokumentasi ini tidak ditujukan sebagai pengganti dan tidak untuk digunakan untuk menentukan kesesuaian atau keandalan produk ini untuk aplikasi pengguna

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

Keberlanjutan

Green Premium™ label adalah komitmen Schneider Electric untuk memberikan produk dengan performa lingkungan terbaik di kelasnya. Green Premium menjanjikan kepatuhan pada peraturan terbaru, transparansi pada dampak lingkungan, serta produk melingkar dan rendah CO₂.

Panduan untuk menilai keberlanjutan produk adalah laporan resmi yang menjelaskan standar label lingkungan global dan bagaimana menafsirkan deklarasi lingkungan.

[Pelajari lebih lanjut tentang Green Premium >](#)

[Panduan untuk menilai keberlanjutan produk >](#)



Transparansi RoHS/REACH

Kinerja sumber daya

 Upgraded Components Available

Kinerja kesejahteraan

 Mercury Free

 Rohs Exemption Information [Yes](#)

Sertifikasi & Standar

Reach Regulation [REACH Declaration](#)

Eu Rohs Directive Pro-active compliance (Product out of EU RoHS legal scope)

China Rohs Regulation [China RoHS declaration](#)

Environmental Disclosure [Product Environmental Profile](#)

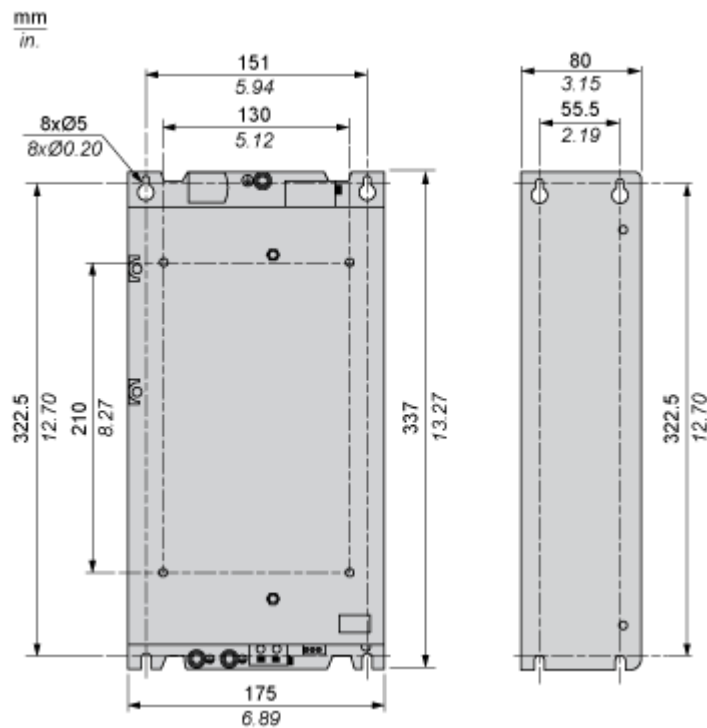
Weee The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Circularity Profile [End of Life Information](#)

Dimensions Drawings

Dimensions

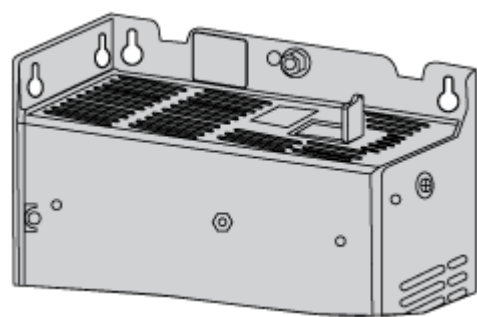
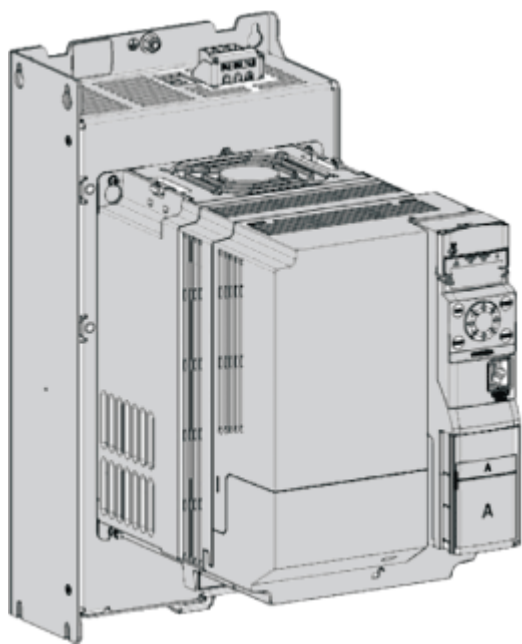
Front and Side Views

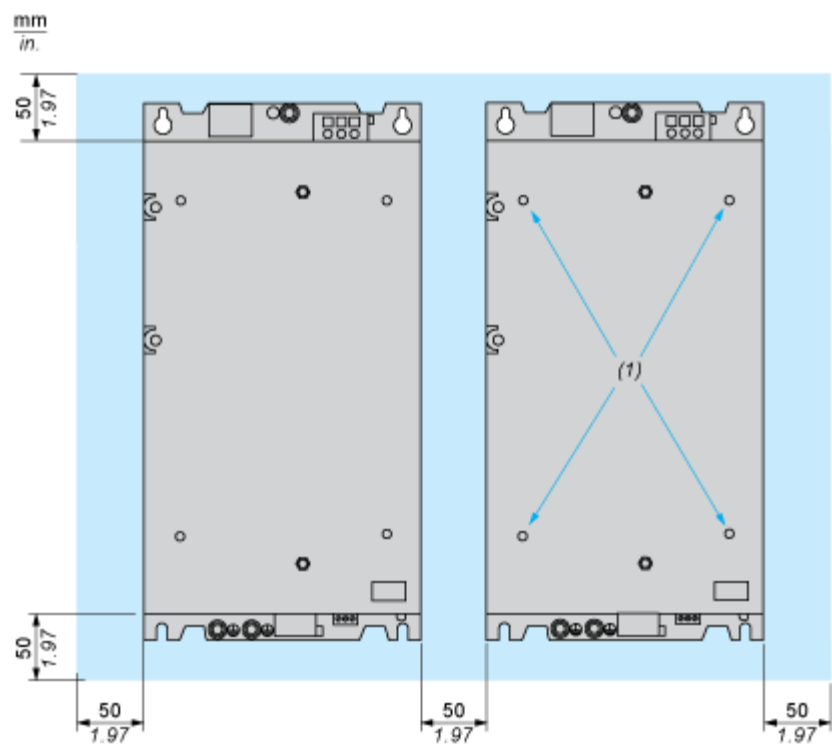


Mounting and Clearance

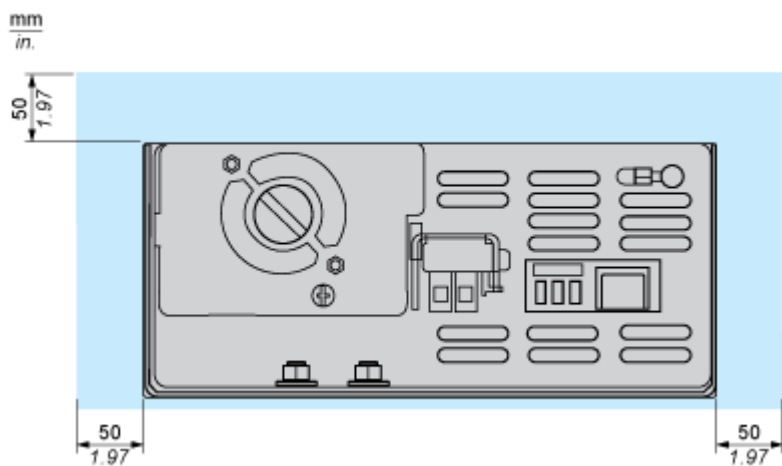
Mounting Recommendations

Vertical Flat Mounting



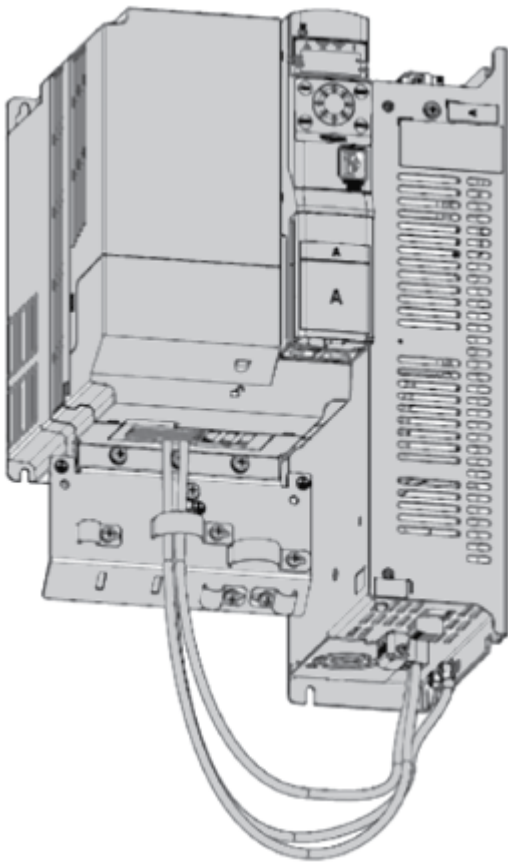


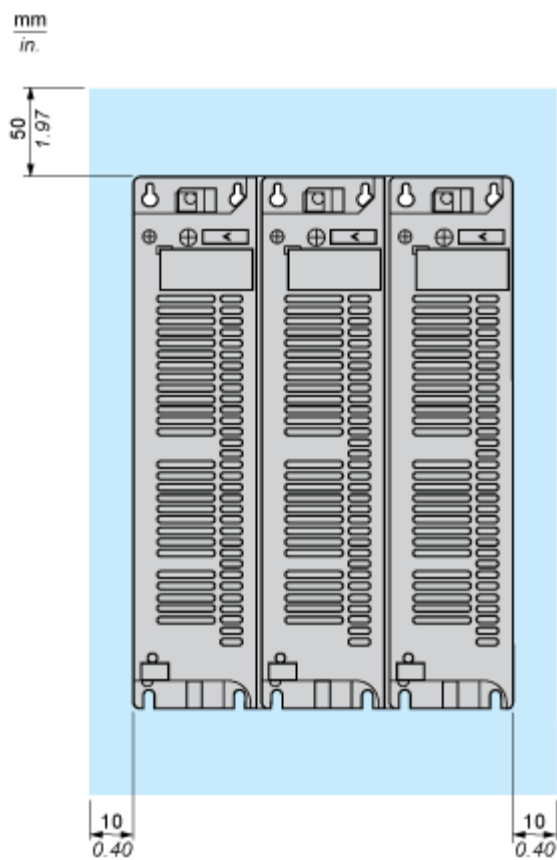
(1) : Fixing holes for ATV320



Mounting Recommendations

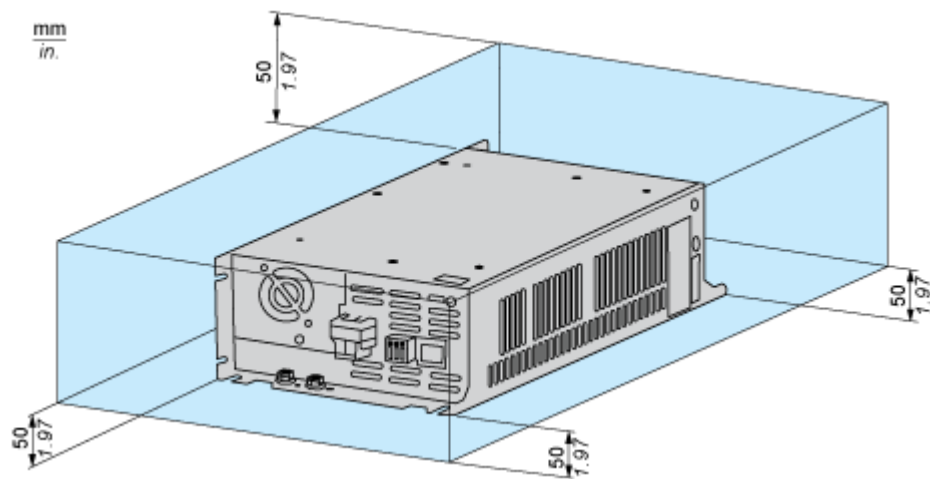
Side by Side Mounting





Mounting Recommendations

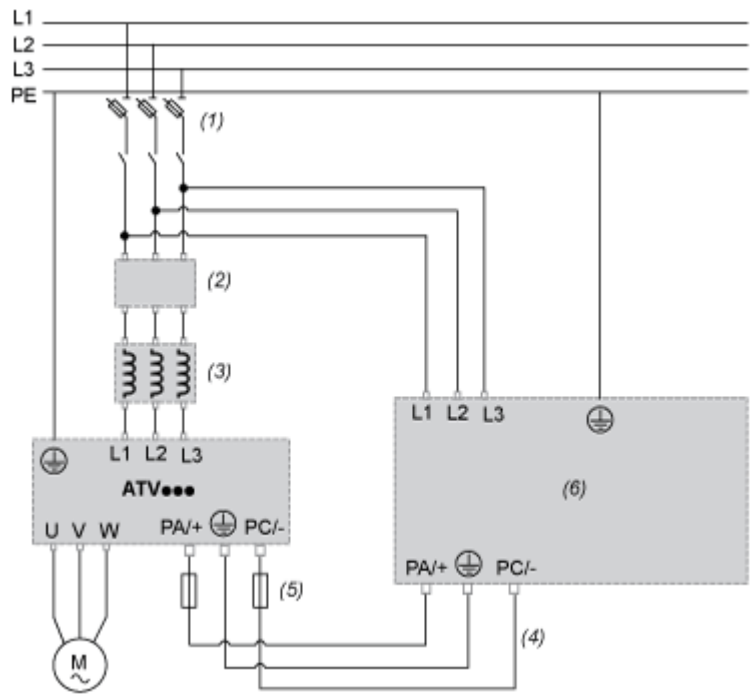
Horizontal Flat Mounting



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