

# ATV cabinets



## Main

Product or component type	Resistance braking unit
Continuous power	<= 400 kW
Thermal losses	1150 W
Product compatibility	ATV61EXS5C50Y ATV61EXS5C63Y ATV61EXS5C80Y ATV71EXS5C40Y ATV71EXS5C50Y ATV71EXS5C63Y
Maximum permanent braking power	900 kW at 690 V (at constant power and at engage threshold)
Minimum resistor value to associate	1 Ohm

## Complementary

Range compatibility	Altivar 61 Plus Altivar 71 Plus
Activation threshold	1075 V DC +/- 1 %
Maximum DC bus voltage	1100 V
Load factor	50 % at 500 kW (at constant power and at engage threshold) 5 % at 900 kW (at constant power and at engage threshold) 15 % at 600 kW (at constant power and at engage threshold)
Cycle time	<= 140 s
Protection type	Integrated thermal protection by thermal probe
Volume of cooling air	600 m3/h
Operating position	Vertical
Product weight	80 kg

## Environment

Ambient air temperature for operation	-10...50 °C
Ambient air temperature for storage	-25...70 °C
Pollution degree	2 conforming to EN 50178
Relative humidity	Class 3K3 without condensation
Operating altitude	1000...2260 m 1 % per 100 m <= 1000 m without derating
Vibration resistance	0.2 gn