



Altivar™ AC Drives

Advanced energy management
and performance in motor control

Variable Speed Drives

Process	Fluid Management	Industrial Processes
 Mining, Minerals & Metals  Marine	Altivar Process 600  Wall Mounting 0.75...315 kW 200...690 V  Cabinet Integration 0.75...2600 kW 380...690 V	Altivar Process 900  Wall Mounting 0.75...315 kW 200...690 V  Cabinet Integration 0.75...2600 kW 380...690 V
 Food & Beverage  Water & Wastewater		
 Oil & Gas  Power Plants		
Machines	Commercial Equipment	Basic Machines
 Hoisting  Material Handling	Altivar 12  0.18...4 kW 100...240 V	Altivar 310  IP20 0.75 to 22 kW 380...460 V
 Textile  Material Working		
 Packaging		
Building	Simple & Advanced Machines	Utilities
 Pumps  Lift	Altivar 320B/C  Book/compact format 0.18...15 kW 200...600 V Altivar 320W  Harsh environment IP65/66 0.18...7.5 kW 380...480 V	Altivar 340  Book/compact format 0.75...75 kW 380...480 V
 Fans & Compressors	Altivar 212  IP21 0.75...75 kW 200...480 V  IP55 0.75...75 kW 380...480 V	Altivar 610  0.75...160 kW 380...460 V

Soft Starters

Simple Machines	Industrial Processes & Utility
Altistart 01  3...85 A 110...480 V	Altivar Soft Starter ATS130  38...105 A 200...480 V  Coming Soon
	Altistart 22  17...590 A 208...600 V
	Altivar Soft Starter ATS480  208 to 690V 17 to 1700A

Please contact Customer Care Center for Stockable and Non stockable status of references.

NORMAL STOCK ITEMS

W.E.F. January 17th, 2024



Automation and control made easy

Easy Altivar™ 610 variable speed drives.



Easy Altivar™ 610 variable speed drives for three-phase synchronous motors address the challenges faced by new economies. They are fit for purpose at affordable prices with no compromise on ease of use, robustness, and availability – the core values supported by a worldwide leader in automation.



Water & wastewater



Oil & gas



Constant, negative pressure water supply



Building



Power



Other OEM

Fit for purpose

- Optimized control system
- Multi-pump control function
- Harmonic mitigation solution

Designed for easiness

- Easy to install
- Easy to set up and use
- Easy to maintain

Strong on robustness

- Robust design for harsh environments
- Ever higher protection and performance

Always available

- Wide availability
- Worldwide technical assistance

Contact with Schneider Electric sales for country of origin.

se.com/easyaltivar610

Easy Altivar™ 610

Now available upto 460V

Main features

Power range:
0.75 to 160kW

Main voltage range:
380~460V, 3 phase, -15 to +10%

Overload capability:
ND: 110% 60s; 120% 20s;
HD: 150% 60s

EMC:
C3 level filter embedded

Harmonics:
DC choke embedded (above 4kW)

Protection:
IP20

Operation temperature:
-15°C to +60°C (derating above
+45°C)

Motor control law:
Asy motor: V/f 2 pts; V/f 5 pts;
UF quad; energy saving



Control I/O

Control terminal:

- Analog input: 3
- Analog output: 2
- Digital input: 6
- Relay output: 3

Communication:

- Modbus embedded;
- option: Profibus DP



Display terminal

Basic keypad (standard)

- LCD backlight, removable
- 2 lines, 6 languages
- Configuration save
- Easy mounting kit (Ø22mm)



For more information and product references visit

se.com/easyaltivar610

Altivar™ 610: Drives for pumps and fans from 0.75 to 160 kW

Now available upto 460V



- Compact size: simplicity of integration and reduction of the size of the enclosures
- Electronic cards with protective coating
- Operation temperature: -10...+60°C
- IP40 protection level on the top of the product
- Typical multi-pump configuration without PLC
- 7 preprogrammed function blocks cover 90% of the pump and fan applications
- Colored control circuit terminals to avoid misuse

kW		Max. continuous current(A)		Reference	Unit MRP [₹]
ND	HD	ND	HD		
Three phase-Supply Voltage: 380...460V					
4	3	9.3	7.2	ATV610U40N4	On Request
5.5	4	12.7	9.3	ATV610U55N4	On Request
7.5	5.5	15.8	12.7	ATV610U75N4	On Request
11	7.5	23.5	16.5	ATV610D11N4	On Request
15	11	31.7	23.5	ATV610D15N4	On Request
18.5	15	39.2	31.7	ATV610D18N4	On Request
22	18.5	46.3	39.2	ATV610D22N4	On Request
30	22	61.5	46.3	ATV610D30N4	On Request
37	30	74.5	59.6	ATV610D37N4	On Request
45	37	88	74.5	ATV610D45N4	On Request
55	45	106	88	ATV610D55N4	On Request
75	55	145	106	ATV610D75N4	On Request
90	75	173	145	ATV610D90N4	On Request
110	90	211	173	ATV610C11N4	On Request
132	110	250	211	ATV610C13N4	On Request
160	132	302	250	ATV610C16N4	On Request

Altivar™ 212: Drives for HVAC, 3-phase asynchronous motors

from 0.75 to 75 kW



- Embedded communication Modbus, Apogee FLN P1, Metasys N2, BacNet
- More Friendly simplicity & comfort with Universal Graphic Keypad
- Low Harmonics Emissions: Low THDI = 30%
- EMC Immunity Protection & Noise reductions
- AHRI Approved
- N4Z without display, VW3A1111 advance display to be ordered separately

kW	Max. continuous current(A)	Reference	Unit MRP [₹]
Three phase-Supply Voltage: 380...480V			
0.75	2.2	ATV212H075N4	On Request
1.5	3.7	ATV212HU15N4	On Request
2.2	5.1	ATV212HU22N4	On Request
3	7.2	ATV212HU30N4	On Request
4	9.1	ATV212HU40N4	On Request
5.5	12	ATV212HU55N4	On Request
7.5	16	ATV212HU75N4	On Request
11	22.5	ATV212HD11N4	On Request
15	30.5	ATV212HD15N4	On Request
18.5	37	ATV212HD18N4	On Request
22	43.5	ATV212HD22N4	On Request
30	58.5	ATV212HD30N4	On Request
37	79	ATV212HD37N4	On Request
45	94	ATV212HD45N4	On Request
55	116	ATV212HD55N4	On Request
75	160	ATV212HD75N4	On Request

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