



# SE Drives Product Offer Ranges

	Standard Drives			Easy Drives	
 <p>Machines</p>	<p><b>Basic Applications</b></p>  <p>ATV12 0.18...4kW 100...240V</p>	<p><b>Simple Applications</b></p>  <p>Altivar 320 Book format 0.18...15kW 200...500V</p> <p>Altivar 320 ComPact format 0.18...15kW 200...500V</p>	<p><b>Advanced Application</b></p>  <p>Altivar 340 Book format 0.75...75kW 380...480V</p>	<p><b>Simple Machine</b></p>  <p>Altivar 310 0.35-11kW 380...460V</p>	
	<p><b>HVAC</b></p>  <p>ATV212 0.75...75kW 200...480V</p>  <p>ATV600 IP21   IP55 - Nema 12 0.75...800kW 200...690V</p>			<p><b>HVAC</b></p>  <p>Altivar 310 0.37-11kW 380...460V</p>  <p>Altivar 610 0.75-160kW 380...415V</p>	
	<p><b>Utilities Control</b></p>  <p>ATV600 IP21   IP55 - Nema 12 0.75...800kW 200...690V</p>		<p><b>Process Control</b></p>  <p>ATV900 IP21   IP55 - Nema 12 0.75...800kW 200...690V</p>		<p><b>Utilities Control</b></p>  <p>Altivar 610 0.75-160kW 380...415V</p>
	<p><b>Machine</b></p>  <p>Altistart 01 3...32A 110...480V</p>  <p>Altistart 22 17...590A 208...600V</p>		<p><b>Machine</b></p>  <p>Altivar ATS480 17...1200A 208...690V</p>		
 <p>Building</p>					
 <p>Process</p>					
 <p>Soft Starter</p>					

Altivar 12 (Drives with heatsink)  
 For asynchronous motors from 0.18kW to 4kW  
 Power supply: 100-240V, 50/60Hz  
 Output frequency range from 0 to 400 Hz  
 Application: Ventilation, conveyor, packaging ...

Biến tần ATV12 (đã bao gồm đế tản nhiệt)  
 Dùng cho động cơ không đồng bộ từ 0.18kW đến 4kW  
 Nguồn điện áp: 100-240V, 50/60Hz  
 Dải tần số ngõ ra từ 0 đến 400 Hz  
 Ứng dụng: Quạt thông gió, băng tải, máy đóng gói

Unit price (incl.VAT) in VND

### Drives with heatsink (frequency range from 0 to 400Hz)

#### Single-phase supply voltage: 100...120V 50/60Hz



ATV12H018F1

Motor Power indicated on plate (1)		Reference	Unit Price
kW	HP		
0.18	0.25	ATV12H018F1	8.596.500
0.37	0.5	ATV12H037F1	9.361.000
0.75	1	ATV12H075F1	14.454.000

#### Single-phase supply voltage 200...240V 50/60Hz



ATV12H055M2

Motor Power indicated on plate (1)		Reference	Unit Price
kW	HP		
0.18	0.25	ATV12H018M2	6.693.500
0.37	0.55	ATV12H037M2	6.891.500
0.55	0.75	ATV12H055M2	6.968.500
0.75	1	ATV12H075M2	7.634.000
1.5	2	ATV12HU15M2	9.922.000
2.2	3	ATV12HU22M2	11.099.000

#### Three-phase supply voltage 200...240V 50/60Hz



ATV12HU40M3

Motor Power indicated on plate (1)		Reference	Unit Price
kW	HP		
0.18	0.25	ATV12H018M3	7.067.500
0.37	0.55	ATV12H037M3	7.150.000
0.75	1	ATV12H075M3	9.168.500
1.5	2	ATV12HU15M3	11.269.500
2.2	3	ATV12HU22M3	11.990.000
3	-	ATV12HU30M3	13.739.000
4	5	ATV12HU40M3	15.845.500

(1) These values are given for a nominal switching frequency of 4 kHz, for use in continuous operation.

If operation above 4 kHz needs to be continuous, the nominal drive current should be derated by 10% for 8 kHz, 20% for 12 kHz and 30% for 16 kHz.

The switching frequency can be set between 2 and 16 kHz for all ratings.

See the derating curves in the User Manual, available on our website at "www.schneider-electric.com".

### Altivar 12 (Accessories)

For asynchronous motors from 0.18kW to 4kW

Power supply: 100-240V, 50/60Hz

Output frequency range from 0 to 400 Hz

Application: Ventilation, conveyor, packaging ...

Biến tần ATV 12 - (Phụ kiện)

Dùng cho động cơ không đồng bộ từ 0.18 đến 4kW

Nguồn điện áp: 100-240V, 50/60Hz

Dải tần số ngõ ra từ 0 đến 400Hz

Ứng dụng: Quạt thông gió, băng tải, máy đóng gói

Unit price (incl.VAT) in VND

### Altivar 12 - Accessories



#### Multi-Loader configuration tools and associated cable

Item	For drives	Reference	Unit Price
<b>Multi-Loader tool</b>			
For copying a configuration on a PC or drive and duplicating it on another drive. The drives do not need to be powered-up	<b>ATV12*****</b>	<b>VW3A8121</b>	<i>41.046.500</i>



#### Remote display terminals and associated cordsets

Item	Description	Reference	Unit Price
<b>Remote display terminals</b>	<b>IP54</b>	<b>VW3A1006</b>	<i>3.399.000</i>
A remote-mounting cordset VW3A1104R** is also required.	<b>IP65</b>	<b>VW3A1007</b>	<i>4.268.000</i>
<b>Remote-mounting cordsets</b>	<b>L=1m</b>	<b>VW3A1104R10</b>	<i>759.000</i>
For connecting the VW3A006 or VW3A1007 remote display terminal to the Altivar 12 drive.	<b>L=3m</b>	<b>VW3A1104R30</b>	<i>869.000</i>



#### Braking unit and resistors

Item	For drives	Reference	Unit Price
<b>Braking resistors</b>	<b>ATV 12</b>		
Unprotected (IP 00)	<b>H018M2...HU15M2</b>	<b>VW3A7701</b>	<i>5.082.000</i>
If a resistor other than those specified is being used, add a thermal protection device.	<b>H018M3...HU15M3</b>		
	<b>ATV12HU22M2</b>	<b>VW3A7702</b>	<i>6.666.000</i>
	<b>ATV12HU22M3</b>		
<b>Braking resistors</b>	<b>ATV 12</b>		
Unprotected (IP 00)	<b>H018M2...HU15M2</b>	<b>VW3A7723</b>	<i>7.100.500</i>
If a resistor other than those specified is being used, add a thermal protection device.	<b>H018M3...HU15M3</b>		
	<b>ATV12HU22M2</b>	<b>VW3A7724</b>	<i>9.174.000</i>
	<b>ATV12HU22M3</b>		



#### Additional EMC input filters

Item	For drives	Reference	Unit Price
<b>Additional EMC input filters</b>	<b>ATV 12</b>		
For compliance with the requirements of standard IEC/EN 61 800-3, category C1, C2 or C3, in Environment 1 (public network) or 2 (industrial network) depending on the drive rating.	<b>H018F1...H037F1</b>	<b>VW3A4416</b>	<i>5.769.500</i>
	<b>H018M2...H075M2</b>		
	<b>ATV 12</b>		
	<b>H075F1</b>	<b>VW3A4417</b>	<i>18.595.500</i>
	<b>HU15M2...HU22M2</b>		
	<b>ATV 12</b>		
	<b>H018M3... H075M3</b>	<b>VW3A4418</b>	<i>12.364.000</i>

Control of both three-phase asynchronous and synchronous motors from 0.18 to 15 kW  
 Output frequency: 0.1... 599 Hz  
 Overload torque performance up to 200% Tn in an open loop  
 ATV Logic integration (up to 50 function blocks)  
 Numerous application functions and embedded safety functions for targeted application segments: Material handling, Packaging, Textiles, Hoisting, Mechanical actuators, Material working,...

Điều khiển động cơ đồng bộ và không đồng bộ 3 pha công suất từ 0.18 đến 15 kW  
 Tần số ngõ ra: 0.1... 599 Hz  
 Khả năng quá tải khi điều khiển vòng hở lên đến 200% momen định mức  
 Tích hợp sẵn chức năng ATV Logic (có thể lập trình lên đến 50 khối chức năng)  
 Nhiều chức năng ứng dụng và tích hợp sẵn các chức năng an toàn cho các máy: vận chuyển vật liệu, đóng gói, máy dệt, cầu trục, truyền động cơ học, máy chế biến vật liệu,...

Unit price (incl.VAT) in VND

### Drives with ComPact control block



ATV320U02M2C...U07M2C



ATV320U11M2C...U22M2C  
ATV320U04N4C...U15N4C



ATV320U22N4C...  
ATV320U40N4C



ATV320U55M3C

Motor		Line supply			Altivar Machine ATV320	
Power indicated on rating plate motor (1)	kW	Max. Line current (2) (3)		Max. prospective line Isc (4)	Reference (1)	Unit Price
		at U1	at U2			
HP	A	A	A	kA		
<b>Single-phase supply voltage: 200...240 V 50/60 Hz, with integrated EMC filter (3) (5) (6)</b>						
0.18	0.25	3.4	2.8	1	ATV320U02M2C	9.383.000
0.37	0.5	5.9	4.9	1	ATV320U04M2C	9.498.500
0.55	0.75	7.9	6.6	1	ATV320U06M2C	10.609.500
0.75	1	10	8.4	1	ATV320U07M2C	10.923.000
1.1	1.5	13.8	11.6	1	ATV320U11M2C	12.804.000
1.5	2	17.8	14.9	1	ATV320U15M2C	12.171.500
2.2	3	24	20.2	1	ATV320U22M2C	13.040.500
<b>Three-phase supply voltage: 200...240 V 50/60 Hz, without integrated EMC filter (3)</b>						
0.18	0.25	2	1.7	5	ATV320U02M3C	10.087.000
0.37	0.5	3.6	3	5	ATV320U04M3C	10.219.000
0.55	0.75	4.9	4.2	5	ATV320U06M3C	10.670.000
0.75	1	6.3	5.3	5	ATV320U07M3C	11.385.000
1.1	1.5	8.6	7.2	5	ATV320U11M3C	12.149.500
1.5	2	11.1	9.3	5	ATV320U15M3C	12.534.500
2.2	3	14.9	12.5	5	ATV320U22M3C	13.370.500
3	4	19	15.9	5	ATV320U30M3C	15.966.500
4	5	23.8	19.9	5	ATV320U40M3C	17.759.500
5.5	7.5	35.4	29.8	22	ATV320U55M3C	22.027.500
7.5	10	45.3	38.2	22	ATV320U75M3C	27.533.000
11	15	60.9	51.4	22	ATV320D11M3C	37.130.500
15	20	79.7	67.1	22	ATV320D15M3C	42.190.500
<b>Three-phase supply voltage: 380...500 V 50/60 Hz, with integrated EMC filter (3) (5) (6)</b>						
0.37	0.5	2.1	1.6	5	ATV320U04N4C	12.309.000
0.55	0.75	2.8	2.2	5	ATV320U06N4C	12.457.500
0.75	1	3.6	2.8	5	ATV320U07N4C	12.578.500
1.1	1.5	5	3.8	5	ATV320U11N4C	12.798.500
1.5	2	6.4	4.9	5	ATV320U15N4C	13.079.000
2.2	3	8.7	6.6	5	ATV320U22N4C	14.162.500
3	4	11.1	8.4	5	ATV320U30N4C	14.349.500
4	5	13.7	10.6	5	ATV320U40N4C	15.587.000
5.5	7.5	20.7	14.5	5	ATV320U55N4C	21.950.500
7.5	10	26.5	18.7	22	ATV320U75N4C	23.457.500
11	15	36.6	25.6	22	ATV320D11N4C	29.656.000
15	20	47.3	33.3	22	ATV320D15N4C	31.086.000

- (1) These values are given for a nominal switching frequency of 4 kHz, for use in continuous operation. The switching frequency is adjustable from 2 to 16 kHz. Above 4 kHz, derate the nominal drive current. The nominal motor current should not exceed this value  
 (2) Typical value for a 4-pole motor and a maximum switching frequency of 4 kHz, with no line choke for max. prospective line Isc (4).  
 (3) Nominal supply voltage, min. U1, max. U2: 200 (U1)...240 V(U2), 380(U1)...500 V(U2).  
 (4) If line Isc is greater than the values in the table, add line chokes.  
 (5) Drives supplied with category C2 integrated EMC filter. This filter can be disconnected.  
 (6) Drives are supplied with an EMC plate, for assembly by the customer.

**External options:**

- Braking resistors
- Line chokes
- Motor chokes
- Additional EMC filters
- Adapter extension module for compact control block drive
- Speed monitoring module

**Optional communication modules:**

- Modbus/TCP- Ethernet/IP
- PROFIBUS DP V1
- DeviceNet
- EtherCAT
- POWERLINK
- ProfiNet

Control of both three-phase asynchronous and synchronous motors from 0.18to 15 kW  
 Output frequency: 0.1...599 Hz  
 Overload torque performance up to 200% Tn in an open loop  
 ATV Logic integration (up to 50 function blocks)  
 Numerous application functions and embedded safety functions for targeted application segments: Material handling, Packaging, Textiles, Hoisting, Mechanical actuators, Material working,...

Điều khiển động cơ đồng bộ và không đồng bộ 3 pha công suất từ 0.18 đến 15 kW  
 Tần số ngõ ra: 0.1... 599 Hz  
 Khả năng quá tải khi điều khiển vòng hở lên đến 200% momen định mức  
 Tích hợp sẵn chức năng ATV Logic (có thể lập trình lên đến 50 khối chức năng)  
 Nhiều chức năng ứng dụng và tích hợp sẵn các chức năng an toàn cho các máy: vận chuyển vật liệu, đóng gói, máy dệt, cầu trục, truyền động cơ học, máy chế biến vật liệu,...



ATV320U02M2B...U07M2B  
ATV320U04N4B...U15N4B



ATV320U11M2B...U22M2B  
ATV320U22N4B...U40N4B



ATV320U55N4B



ATV320D15N4B



VW3A7608R  
Braking resistors, enclosed model (IP 65 casing) with cordset



VW3A3620 - Speed monitoring module



VW3A3616 - Modbus TCP and EtherNet/IP

Unit price (incl.VAT) in VND

### Drives with book control block

Motor Power indicated on rating plate motor (1) kW HP	Line supply		Max. prospective line Isc (4) kA	Altivar Machine ATV320 Reference (1)	Unit Price
	Max. Line current (2) (3) at U1 A	at U2 A			
<b>Single-phase supply voltage: 200...240 V 50/60 Hz, with integrated EMC filter (3) (5) (6)</b>					
0.18 0.25	3.4	28	1	ATV320U02M2B	12.265.000
0.37 0.5	6	5	1	ATV320U04M2B	13.112.000
0.55 0.75	7.9	6.7	1	ATV320U06M2B	13.728.000
0.75 1	10.1	8.5	1	ATV320U07M2B	13.904.000
1.1 1.5	13.6	11.5	1	ATV320U11M2B	14.014.000
1.5 2	17.6	14.8	1	ATV320U15M2B	14.261.500
2.2 3	23.9	20.1	1	ATV320U22M2B	14.580.500
<b>Three-phase supply voltage: 380...500 V 50/60 Hz, with integrated EMC filter (3) (5) (6)</b>					
0.37 0.5	2.1	1.6	5	ATV320U04N4B	13.640.000
0.55 0.75	2.8	2.2	5	ATV320U06N4B	14.476.000
0.75 1	3.6	2.7	5	ATV320U07N4B	14.613.500
1.1 1.5	5	3.8	5	ATV320U11N4B	14.690.500
1.5 2	6.5	4.9	5	ATV320U15N4B	14.828.000
2.2 3	8.7	6.6	5	ATV320U22N4B	15.224.000
3 4	11.1	8.4	5	ATV320U30N4B	15.845.500
4 5	13.7	10.5	5	ATV320U40N4B	16.835.500
5.5 7.5	20.7	14.5	5	ATV320U55N4B	22.374.000
7.5 10	26.5	18.7	22	ATV320U75N4B	23.408.000
11 15	36.6	25.6	22	ATV320D11N4B	31.113.500
15 20	47.3	33.3	22	ATV320D15N4B	34.683.000

- (1) These values are given for a nominal switching frequency of 4 kHz, for use in continuous operation. The switching frequency is adjustable from 2 to 16 kHz. Above 4 kHz, derate the nominal drive current. The nominal motor current should not exceed this value
- (2) Typical value for a 4-pole motor and a maximum switching frequency of 4 kHz, with no line choke for max. prospective line Isc (4)
- (3) Nominal supply voltage, min. U1, max. U2: 200 (U1)...240 V(U2), 380 (U1)...500 V(U2)
- (4) If line Isc is greater than the values in the table, add line chokes.
- (5) Drives supplied with category C2 integrated EMC filter. This filter can be disconnected.
- (6) Connection in compliance with EMC standards:

- ATV320...M2B, ATV320U04N4B... ATV320U40N4B drives are supplied with an EMC plate. This is integral part of the power terminal, these 2 components cannot be separated.  
 - ATV320U55N4B...D15N4B drives are supplied with an EMC plate, for assembly by the customer.

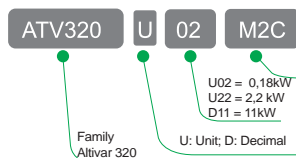
### External options:

- Braking resistors
- Line chokes
- Motorchokes
- Additional EMC filters
- Speed monitoring module

### Optional communication modules:

- Modbus/TCP- Ethernet/IP
- PROFIBUS DP V1
- DeviceNet
- EtherCAT
- POWERLINK
- ProfiNet

### Part number explanation



- \*M2 = Single phase 200...240V - EMC filters - 0,18 to 2,2 kW - 0,25 to 3HP
- \*N4 = 3 phase 380...500V - EMC filters - 0,37 to 15 kW - 0,5 to 20 HP
- \*M3 = 3 phase 200...240V - EMC filters - 0,18 to 15 kW - 0,25 to 20 HP
- \*C = ComPact control block and ComPact format "C" (5,5kW up to 15kW only book control block)
- \*B = book control block and book format "B" (5,5kW up to 15kW only book control block)

Control of three-phase asynchronous, synchronous and special motors from 0.75 to 22 kW  
 Output frequency: 0.1... 599 Hz  
 Overload torque performance up to 180% /220% Tn in an open loop or close loop control  
 Motor sensor (RS422 incremental, Sincos) integration up to 22kW.  
 Other motor sensors are as option - Digital (RS422 incremental, Endat2.2, SSI), Analog (sin/cos 1Vpp), Resolver 22kW.  
 Numerous application functions and embedded safety functions for targeted high performance machines: Material handling, Packaging, Textiles, Hoisting, Material working,...

Điều khiển động cơ 3 pha loại đồng bộ, không đồng bộ và các loại động cơ đặc biệt khác công suất từ 0.75 đến 22 kW  
 Tần số ngõ ra: 0.1... 599 Hz  
 Khả năng quá tải lên đến 180% /220% momen định mức khi điều khiển vòng hở hoặc vòng kín  
 Tích hợp sẵn cảm biến động cơ (RS422 Incremental, Sincos) với công suất đến 22kW. Tùy chọn phụ kiện cảm biến động cơ - Digital (RS422 incremental, Endat2.2, SSI), Analog (sin/cos 1Vpp), Resolver  
 Nhiều chức năng ứng dụng và tích hợp sẵn các chức năng an toàn cho các máy phức tạp: vận chuyển vật liệu, đóng gói, máy dệt, cầu trục, máy chế biến vật liệu....

Unit price (incl.VAT) in VND

### Drives with Modular drive (1)

Motor		Line supply			Altivar Machine ATV340			Reference (1)	Unit price
Power indicated on rating plate motor (2)	HD: Heavy Duty (5)kW ND: Normal Duty (4)	Input current (3)	Prospective line Isc	Max. continuous current (2)	Max. transient current for 2s	Max. transient current for 60s			
kW	HP	380V A	480V A	kA	A	A	A		
<b>Three-phase supply voltage: 380...480 V 50/60 Hz</b>									
HD 0.75	1	3.4	2.6	5	2.2	4	3.3	ATV340U07N4	26.724.500
ND 1.1	1.5	3.3	2.6	5	2.8	3.8	3.1		
HD 1.5	2	6	4.9	5	4	7.2	6	ATV340U15N4	26.944.500
ND 2.2	3	5.7	4.6	5	5.6	7.6	6.2		
HD 2.2	3	8.4	6.6	5	5.6	10.1	8.4	ATV340U22N4	27.109.500
ND 3	3	7.7	6.2	5	7.2	9.7	7.9		
HD 3	3	10.7	8.5	5	7.2	13	10.8	ATV340U30N4	29.150.000
ND 4	5	10.1	8.1	5	9.3	12.6	10.2		
HD 4	5	13.4	10.6	5	9.3	16.7	14	ATV340U40N4	29.441.500
ND 5.5	7	13.4	10.8	5	12.7	17.1	14		
HD 5.5	7	20	16	22	12.7	22.9	19.1	ATV340U55N4	31.399.500
ND 7.5	10	18	14.5	22	16.5	22.3	18.2		
HD 7.5	10	25.6	20.4	22	16.5	29.7	24.8	ATV340U75N4	32.296.000
ND 11	15	25.5	20.5	22	24	32.4	26.4		
HD 11	15	34.7	27.7	22	24	43	36	ATV340D11N4	46.194.500
ND 15	20	34	27.3	22	32	43	35.2		
HD 15	20	44.9	35.7	22	32	58	48	ATV340D15N4	47.795.000
ND 18.5	25	42.3	34	22	39	53	42.9		
HD 18.5	25	54.7	43.4	22	39	70	59	ATV340D18N4	55.121.000
ND 22	30	50	40.2	22	46	62	50.6		
HD 22	30	63.5	50.6	22	46	83	69	ATV340D22N4	56.265.000
ND 30	40	67.7	54.3	22	62	84	68.2		



ATV340U22N4



ATV340U75N4



ATV340D22N4

- (1) Altivar Machine ATV340...N4 drives integrate EMC filter category C3 with 20 m/65.62 ft shielded motor cable.
- (2) These values are gen for a nominal switching frequency of 4 kHz up to ATV340D22NAE, for use in continuous operation. The switching frequency is adjustable. Above 4 kHz, the drive wil automatically reduce the switching frequency in the event of an excessive temperature rise. For continuous operation above the nominal switching frequency, derate the nominal drive current (see derating curves on our websie www.schneider-electric.com).
- (3) Typical value for the indicated motor power and for the prospective line Isc.
- (4) Values given for applications requiring sight overload (up to 135% for 2 s and 110% for 60 s).
- (8) Values given for applications requiring signficant overload (up to 180% for 2 s and 150% for 60 s).

(\* Please contact Schneider Electric for price request

Control of three-phase asynchronous, synchronous and special motors from 0.75 to 75 kW  
 Output frequency: 0.1... 599 Hz  
 Overload torque performance up to 180%/ 220% Tn in an open loop or close loop control  
 Motor sensor (RS422 incremental, Sincos) integration up to 22kW.  
 Other motor sensors are as option - Digital (RS422 incremental, Endat2.2, SSI), Analog (sin/cos 1Vpp), Resolver  
 Integrated Ethernet IP and Modbus TCP dual port, cyber security (Achilles Level 2)  
 Via integrated web server continuous and realtime application data with customizable dashboards  
 Master/Slave drive-to-drive link via Ethernet  
 Numerous application functions and embedded safety functions for targeted high performance machines: Material handling, Packaging, Textiles, Hoisting, Material working,...

Điều khiển động cơ 3 pha loại đồng bộ, không đồng bộ và các loại động cơ đặc biệt khác công suất từ 0.75 đến 75 kW  
 Tần số ngõ ra: 0.1... 599 Hz -  
 Khả năng quá tải lên đến 180% /220% momen định mức khi điều khiển vòng hở hoặc vòng kín  
 Tích hợp sẵn cảm biến động cơ (RS422 incremental, Sincos) với công suất đến 22kW. Tùy chọn phụ kiện cảm biến động cơ - Digital (RS422 incremental, Endat 2.2, SSI), Analog (sin/cos 1Vpp), Resolver  
 Tích hợp sẵn cổng truyền thông kép Ethernet IP/ Modbus TCP theo tiêu chuẩn cyber security (Achilles Level 2)  
 Chức năng Web server dữ liệu theo thời gian thực.  
 Điều khiển Chủ/Tớ dựa trên kết nối Biến tần- Biến tần thông qua cổng Ethernet  
 Nhiều chức năng ứng dụng và tích hợp sẵn các chức năng an toàn cho các máy phức tạp: vận chuyển vật liệu, đóng gói, máy dệt, cầu trục, máy chế biến vật liệu,...

Unit price (incl.VAT) in VND

Drives with Ethernet drive (1)

Motor	Line supply			Altivar Machine ATV340			Reference (1)	Unit price	
	Power indicated on rating plate motor (2) HD: Heavy Duty (5)kW ND: Normal Duty (4) kW HP	Input current (3)		Prospective line Isc kA	Max. continuous current (2) A	Max. transient current for 2s A			Max. transient current for 60s A
		380V	480V						
Three-phase supply voltage: 380...480 V 50/60 Hz									
HD 0.75	1	3.4	2.6	5	2.2	4	3.3	ATV340U07N4E 28.952.000	
ND 1.1	1.5	3.3	2.6	5	2.8	3.8	3.1		
HD 1.5	2	6	4.9	5	4	7.2	6	ATV340U15N4E 30.926.500	
ND 2.2	3	5.7	4.6	5	5.6	7.6	6.2		
HD 2.2	3	8.4	6.6	5	5.6	10.1	8.4	ATV340U22N4E 31.086.000	
ND 3	3	7.7	6.2	5	7.2	9.7	7.9		
HD 3	3	10.7	8.5	5	7.2	13	10.8	ATV340U30N4E 33.044.000	
ND 4	5	10.1	8.1	5	9.3	12.6	10.2		
HD 4	5	13.4	10.6	5	9.3	16.7	14	ATV340U40N4E 33.874.500	
ND 5.5	7	13.4	10.8	5	12.7	17.1	14		
HD 5.5	7	20	16	22	12.7	22.9	19.1	ATV340U55N4E 34.309.000	
ND 7.5	10	18	14.5	22	16.5	22.3	18.2		
HD 7.5	10	25.6	20.4	22	16.5	29.7	24.8	ATV340U75N4E 39.704.500	
ND 11	15	25.5	20.5	22	24	32.4	26.4		
HD 11	15	34.7	27.7	22	24	43	36	ATV340D11N4E 49.076.500	
ND 15	20	34	27.3	22	32	43	35.2		
HD 15	20	44.9	35.7	22	32	58	48	ATV340D15N4E 52.156.500	
ND 18.5	25	42.3	34	22	39	53	42.9		
HD 18.5	25	54.7	43.4	22	39	70	59	ATV340D18N4E 61.182.000	
ND 22	30	50	40.2	22	46	62	50.6		
HD 22	30	63.5	50.6	22	46	83	69	ATV340D22N4E 62.584.500	
ND 30	40	67.7	54.3	22	62	84	68.2		
HD 30	40	54.8	48.3	50	61.5	92.25	92.25	ATV340D30N4E 88.709.500	
ND 37	50	66.2	57.3	50	74.5	89.4	89.4		
HD 37	50	67.1	59	50	74.5	111.75	111.75	ATV340D37N4E 93.505.500	
ND 45	60	78.9	69.1	50	88	105.6	105.6		
HD 45	60	81.4	71.8	50	88	132	132	ATV340D45N4E 141.993.500	
ND 55	75	97.2	84.2	50	106	127.2	127.2		
HD 55	75	98.9	86.9	50	106	159	159	ATV340D55N4E 150.997.000	
ND 75	100	131.3	112.7	50	145	174	174		
HD 75	100	134.3	118.1	50	145	217.5	217.5	ATV340D75N4E 158.922.500	
ND 90	125	156.2	135.8	50	173	207.6	207.6		



ATV340U22N4E



ATV340U75N4E



ATV340D22N4E



ATV340D37N4E

Numerous accessories and options to increase their functionality and also their capacity for integration and adaptation.

Các phụ kiện và tùy chọn nâng cao chức năng và khả năng tích hợp và tương thích với hệ thống

Unit price (incl.VAT) in VND



VW3A1111

### For remote mounting graphic display

Description	Length (m/ft)	Reference	Unit Price
Graphic display terminal (supplied with drive)		<b>VW3A1111</b>	7.551.500
Remote mounting kit			
Order with remote-mounting cordset VW3A1104R...		<b>VW3A1112</b>	1.705.000
	1/3.28	<b>VW3A1104R10</b>	759.000
Remote-mounting cordset equipped with 2 RJ45 connectors	3/9.84	<b>VW3A1104R30</b>	869.000
	5/16.40	<b>VW3A1104R50</b>	896.500
	10/32.81	<b>VW3A1104R100</b>	1.221.000



VW3A1112

### I/O expansion cards

Description	Reference	Unit Price
I/O expansion option card	<b>VW3A3203</b>	9.784.500
6 logic inputs, 2 logic outputs, 1 analog input		
Relay outputs card	<b>VW3A3204</b>	7.975.000
3 Relay outputs with NO contacts		



VW3A3720

### Communication cards

Description	Reference	Unit Price
CANopen daisy chain card w/ 2 RJ45 connectors	<b>VW3A3608</b>	4.334.000
CANopen SUB-D card	<b>VW3A3618</b>	4.966.500
EtherNet/IP and Modbus TCP dual port card	<b>VW3A3720</b>	19.255.500
ProfiNet card w/ 2 RJ45 connectors	<b>VW3A3627</b>	13.018.500
PROFIBUS DP V1 card	<b>VW3A3607</b>	8.569.000
DeviceNet card	<b>VW3A3609</b>	26.372.500



VW3A3203

### Other options (\*):

- Passive filters
- Additional EMC input filters for reducing conducted emissions on the line
- Encoder interface modules
- Output filters:
  - + dv/dt filters
  - + Sinus filters

(\*) Please consult our Customer Care Center



A regenerative function associated to ATV320, ATV340 and ATV930 drives.  
An economic energy saving alternative to the braking resistor.

- Energy saving function.
- No particular set-up for the regenerative function.
- Easy mechanical integration.
- Robustness to mains perturbances.
- Modular

Bộ hãm tái sinh lắp đặt với biến tần ATV320, ATV340 và ATV930.  
Là giải pháp tiết kiệm năng lượng thay thế cho  
Việc sử dụng điện trở hãm (xả)

- Tiết kiệm năng lượng.
- Không cần phải thực hiện các thao tác cài đặt các chức năng chuyên biệt cho chức năng hãm tái sinh
- Dễ dàng tích hợp vào phần cơ khí
- Vận hành bền bỉ khi nguồn ngõ vào bị nhiễu
- Thiết kế nhỏ gọn, dạng module



ATVRU75N4



ATVRD15N4

Unit price (incl.VAT) in VND

References			
For drives (1)	IP	Reference	Unit Price
<b>Supply voltage: 380...480 V 50/60 Hz</b>			
ATV320U07NA...D15N4.			
ATV340U07...D22N4.	20	<b>ATVRU75N4</b>	37.521.000
ATV340D30...D75N4E			
ATV930...N4/N4Z	20	<b>ATVRD15N4</b>	37.455.000
ATV980...N4			

(1) For sizing, refer to the **Altivar Regenerative Unit User Manual to select the Regenerative unit**  
Download Altivar Regenerative Unit: Sizing Tool: <https://ww.se.com/ww/en/download/document/NVE94856/>