



SE Drives Product Offer Ranges

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

Soft start - soft stop units

Simple function, current rating: 3A to 32A

Line voltage 200 to 480V.

Unit price (incl.VAT) in VND

Single Phase 110...230 V**Soft Stop units - 0.37 to 15kW**

1Phase 230V	Nominal Current	Reference	Unit Price
0.37 kW	3A	ATS01N103FT	5.467.000
0.75 kW	6A	ATS01N106FT	6.270.000
1.1 kW	9A	ATS01N109FT	7.144.500
1.5 kW	12A	ATS01N112FT	8.569.000
2.2 kW	25A	ATS01N125FT	10.741.500

Three-phase**Soft Stop units - 0.37 to 11kW**

Supply voltage - Motor power				Nominal Current Icl	Reference	Unit Price
230V	400V	460V				
kW	HP	kW	HP		110...480V	
0.37-0.55	0.5/-	1.1	0.5-1.5	3A	ATS01N103FT	5.467.000
0.75-1.1	1-1.5	2.2-3	2-3	6A	ATS01N106FT	6.270.000
1.5	2	4	5	9A	ATS01N109FT	7.144.500
2.2	3	5.5	7.5	12A	ATS01N112FT	8.569.000
3-4-5.5	5-7.5	7.5-9-11	10-5	25A	ATS01N125FT	10.741.500

Soft Stop units - 0.75 to 15kW

Supply voltage - Motor power			Nominal Current Icl	Reference	Unit Price	Reference	Unit Price
400V	460V						
kW	HP			380...415 V		440...480 V	
1.5 - 2 - 2.3	2-3		6A	ATS01N206QN	6.451.500	ATS01N206RT	6.314.000
4	5		9A	ATS01N209QN	7.331.500	ATS01N209RT	6.792.500
5.5	7.5		12A	ATS01N212QN	8.024.500	ATS01N212RT	7.650.500
7.5-11	10-15		22A	ATS01N222QN	9.526.000	ATS01N222RT	9.251.000
15	20		32A	ATS01N232QN	12.540.000	ATS01N232RT	12.171.500

Dimensions (in mm)		width x height x depth
ATS01	N103FT/N106 FT	22.5 x 100 x 100.4
	N109FT/N112 FT/N125 FT	45 x 124 x 130.7
	N206●●/N209●●/N212●●	45 x 124 x 130.7
	N222●●/N232●●	45 x 154 x 130.7

Type	Soft start units 0.37 to 15 kW	Soft start units 0.75 to 15 kW
Motor power		
Degree of protection	IP20	
Reduction of current peaks	2 controlled phases	2 controlled phases
Adjustable starting time	1...5s	1...10s
Adjustable deceleration time	No: freewheel stop	Yes: 1...10s
Adjustable breakaway torque	30...80% of DOL motor starting torque	
Logic inputs	-	3 logic inputs (start, stop and startup boost)
Logic outputs	-	1 logic output
Relay outputs	-	1 relay output
Control supply voltage	110...220 VAC-10%, 24 VDC-10%	Built into the starter

Soft start - soft stop unifs, from 17A to 590A
 Many function and communication protocol
 Line voltage 220VAC to 415VAC

Bộ khởi động và dừng mềm, từ 17A đến 590A
 Tích hợp nhiều chức năng và giao thức truyền thông
 Điện áp cung cấp: 220VAC đến 415VAC



Unit price (incl.VAT) in VND

For standard applications

Motor			Starter 230/415V - 50/60Hz	Reference	Unit Price
Motor power (1)			Nominal current (IeL) (2)		
230V	400V	440V			
kW	kW	kW	A		
4	7.5	7.5	17	ATS22D17Q	25.591.500
7,5	15	15	32	ATS22D32Q	26.647.500
11	22	22	47	ATS22D47Q	29.095.000
15	30	30	62	ATS22D62Q	32.714.000
18.5	37	37	75	ATS22D75Q	35.596.000
22	45	45	88	ATS22D88Q	37.097.500
30	55	55	110	ATS22C11Q	50.864.000
37	75	75	140	ATS22C14Q	55.638.000
45	90	90	170	ATS22C17Q	58.041.500
55	110	110	210	ATS22C21Q	92.141.500
75	132	132	250	ATS22C25Q	100.397.000
90	160	160	320	ATS22C32Q	109.637.000
110	220	220	410	ATS22C41Q	132.170.500
132	250	250	480	ATS22C48Q	161.089.500
160	315	355	590	ATS22C59Q	175.587.500

Dimensions (on mm)	width x height x depth
Size A:	130 x 265 x 169
Size B:	145 x 295 x 207
Size C:	150 x 356 x 229
Size D:	206 x 425 x 299
Size E:	304 x 455 x 340

Supply voltage		Three-phase 208...600V (1)	Three-phase 230...440V
Protection	Degree of protection	IP 20 : For A TS22D17...C11 IP 00 : For ATS22C14...C59 (protection of terminals available as an option)	
Drive	Motor thermal protection	Class 10.20 of 30	
	Number of controlled phases	3	
	Types of control	Configurable voltage ramp, torque ramp	
	Operating cycle	Standard	
Functions		Bypass (intergrated)	
Number of I/O	Analog inputs	1 PTC probe	
	Logic inputs	3	
	Logic outputs	-	
	Analog outputs	-	
	Relay outputs	2	
Dialogue		Integrated display terminal, SoMve Lite setup software	
Communication	Integrated	Modbus	
Standards and certifications		IEC/EN 60947-4-2. class A EMC, CE, UL, CSA, C-Tick, GOST, CCC	
Motor connection		Possible to connect the starter in the motor delta connection	

(1) Possible to connect the starter in the motor delta connection

Soft start - soft stop units, from 17A to 1200A
Many function and communication protocol
Line voltage 208VAC to 690VAC

Bộ khởi động và dừng mềm, từ 17A đến 1200A
Tích hợp nhiều chức năng và giao thức truyền thông
Điện áp cung cấp: 208VAC to 690VAC

Unit price (incl.VAT) in VND

230 - 415VAC 50/60 Hz Supply



Motor power (1)	Nominal current (IcL) (2) (3)		Reference	Unit Price
Type of application	230V	400V		
	kW	kW	A	
Standard class 10				
Severe* class 20				
Severe	3	5,5	12	
Standard	4	7,5	17	ATS480D17Y 25.649.800
Severe	4	7,5	17	
Standard	5,5	11	22	ATS480D22Y 28.822.200
Severe	5,5	11	22	
Standard	7,5	15	32	ATS480D32Y 31.442.400
Severe	7,5	15	32	
Standard	9	18,5	38	ATS480D38Y 34.798.500
Severe	9	18,5	38	
Standard	11	22	47	ATS480D47Y 37.375.800
Severe	11	22	47	
Standard	15	30	62	ATS480D62Y 47.646.500
Severe	15	30	62	
Standard	18,5	37	75	ATS480D75Y 48.717.900
Severe	18,5	37	75	
Standard	22	45	88	ATS480D88Y 51.500.900
Severe	22	45	88	
Standard	30	55	110	ATS480C11Y 55.672.100
Severe	30	55	110	
Standard	37	75	140	ATS480C14Y 62.783.600
Severe	37	75	140	
Standard	45	90	170	ATS480C17Y 70.826.800
Severe	45	90	170	
Standard	55	110	210	ATS480C21Y 82.626.500
Severe	55	110	210	
Standard	75	132	250	ATS480C25Y 95.019.100
Severe	75	132	250	
Standard	90	160	320	ATS480C32Y 108.774.600
Severe	90	160	320	
Standard	110	220	410	ATS480C41Y 140.481.000
Severe	110	220	410	
Standard	132	250	480	ATS480C48Y 165.536.800
Severe	132	250	480	
Standard	160	315	590	ATS480C59Y 176.966.900
Severe	160	315	590	
Standard	-	355	660	ATS480C66Y 222.327.600
Severe	-	355	660	
Standard	220	400	790	ATS480C79Y 294.470.000
Severe	220	400	790	
Standard	250	500	1000	ATS480M10Y 347.231.500
Severe	250	500	1000	
Standard	355	630	1200	ATS480M12Y 362.847.100

* Starting time greater than 30 seconds

(1) Value indicated on the motor rating plate.

(2) Corresponds to the maximum continuous current in class 10. I_{CL} corresponds to the starter rating.

(3) Corresponds to the maximum continuous current in class 20.

Dimensions (in mm)	width x height x depth
ATS 480 D17Y to D47Y	Size A: 160 x 275 x 203
D62Y to C11Y	Size B: 190 x 290 x 247
C14Y to C17Y	Size C: 200 x 340 x 272
C21Y to C32Y	Size D: 320 x 380 x 277
C41Y to C66Y	Size E: 400 x 670 x 314
C79Y to M12Y	Size F: 770 x 890 x 329

Supply voltage	Three-phase 208...690V
Type of application	Standard
Starter control supply voltage	110-230VAC
Protection	Degree of protection IP 20: ATS480D17... C11 IP 00: ATS480C14... M12
EMC	Motor thermal protection Class 10E (ND) 20E (HD) Class A On all starters Class B On all starters up to 170A
Starting mode	Torque control (patented TCS: Torque Control System)
I/O	Analog inputs 1 PTC probe Logic inputs 4 logic inputs, 2 of which are configurable Logic outputs 2configurable logic outputs Analog outputs 1 analog output Relay outputs 3 relay outputs 2 which are configurable
Dialogue	Integrated display terminal. Option: remote terminal can be mounted on the door of a wall-fixing or floor-standing enclosure"
Communication	Integrated SoMove setup software for PC As an option Modbus TCP, Fipio, DeviceNet and Profibus DP