

E500 Series

VARIABLE FREQUENCY DRIVES

THE COST-EFFECTIVE
VARIABLE SPEED CONTROL
SOLUTION FOR GENERAL
PURPOSE APPLICATIONS



**Flexibility & Functionality From
An Economical Micro-Drive**

Flexibility & Functionality From An Economical Micro-Drive

- ◆ Up to 10HP at 240 and 480 VAC
- ◆ Advanced Magnetic Flux Vector Control
- ◆ Auto-tuning
- ◆ IP20 Open Chassis
- ◆ 150% Overload for 60 Seconds
- ◆ 50°C Maximum Ambient Temperature
- ◆ Standard RS-485 Serial Communication
- ◆ Selectable Cooling Fan Operation Mode
- ◆ Built-In PID Control
- ◆ Adjustable Carrier Frequency (0.7kHz to 14.5kHz)
- ◆ Optional Keypad Interface (FR-PA02-02)
- ◆ Compatible with FR-PU04 User Interface
- ◆ UL & cUL Listed / CE Marked
- ◆ Available Configuration Software for Windows® 95/98
- ◆ Network Communication Options

Ratings			Model Number	Dimensions (mm / inches)		
Output Current (Amps)	Nominal HP	Input Supply (kVA)		Height	Width	Depth
Single-Phase 100-115 VAC Input / Three-Phase 200-230 VAC Output						
0.8	1/8	0.5	FR-E510W-0.1K-NA	128 / 5.04	68 / 2.68	76 / 2.99
1.5	1/4	0.9	FR-E510W-0.2K-NA	128 / 5.04	68 / 2.68	106 / 4.17
3	1/2	1.5	FR-E510W-0.4K-NA	128 / 5.04	68 / 2.68	138 / 5.43
5	1	2.5	FR-E510W-0.75K-NA	128 / 5.04	108 / 4.25	155 / 6.10
Three-Phase 200-240 VAC Input & Output						
0.8	1/8	0.4	FR-E520-0.1K-NA	128 / 5.04	68 / 2.68	76 / 2.99
1.5	1/4	0.8	FR-E520-0.2K-NA	128 / 5.04	68 / 2.68	76 / 2.99
3	1/2	1.5	FR-E520-0.4K-NA	128 / 5.04	68 / 2.68	108 / 4.25
5	1	2.5	FR-E520-0.75K-NA	128 / 5.04	68 / 2.68	128 / 5.04
8	2	4.5	FR-E520-1.5K-NA	128 / 5.04	108 / 4.25	131 / 5.16
11	3	5.5	FR-E520-2.2K-NA	128 / 5.04	108 / 4.25	131 / 5.16
17.5	5	9	FR-E520-3.7K-NA	128 / 5.04	170 / 6.69	138 / 5.43
24	7.5	12	FR-E520-5.5K-NA	260 / 10.24	180 / 7.09	170 / 6.69
33	10	17	FR-E520-7.5K-NA	260 / 10.24	180 / 7.09	170 / 6.69
Three-Phase 380-480 VAC Input & Output						
1.6	1/2	1.5	FR-E540-0.4K-NA	150 / 5.91	140 / 5.51	116 / 4.57
2.6	1	2.5	FR-E540-0.75K-NA	150 / 5.91	140 / 5.51	116 / 4.57
4.0	2	4.5	FR-E540-1.5K-NA	150 / 5.91	140 / 5.51	136 / 5.35
6.0	3	5.5	FR-E540-2.2K-NA	150 / 5.91	140 / 5.51	136 / 5.35
9.5	5	9	FR-E540-3.7K-NA	150 / 5.91	140 / 5.51	136 / 5.35
12	7.5	12	FR-E540-5.5K-NA	150 / 5.91	220 / 8.66	148 / 5.83
17	10	17	FR-E540-7.5K-NA	150 / 5.91	220 / 8.66	148 / 5.83
Accessories						
Description: Optional Keypad / Display			Catalog Number: FR-PA02-02			

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