

# E500 Series

VARIABLE FREQUENCY DRIVES

5 Year  
Warranty



The Cost-Effective Variable  
Speed Control Solution For  
General Purpose Applications

# Flexibility & Functionality From An Economical Micro-Drive

- ◆ Up to 1HP 115 VAC
- ◆ Up to 10HP at 600 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
- ◆ 5-Year Warranty
- ◆ 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/XP
- ◆ Network Communication Options
- ◆ Sink / Source Selectable Input / Outputs
- ◆ Brake Transistor

Ratings			Model Number	Dimensions (mm / inches)		
Output Current (Amps)	Nominal HP	Input Supply (kVA)		Height	Width	Depth
<b>Single-Phase 100-115 VAC Input / Three-Phase 200-230 VAC Output</b>						
0.8	1/8	0.5	FR-E510W-0.1K-NA	128 / 5.0	68 / 2.7	76 / 3.0
1.5	1/4	0.9	FR-E510W-0.2K-NA	128 / 5.0	68 / 2.7	106 / 4.2
3	1/2	1.5	FR-E510W-0.4K-NA	128 / 5.0	68 / 2.7	138 / 5.4
5	1	2.5	FR-E510W-0.75K-NA	128 / 5.0	108 / 4.3	155 / 6.1
<b>Three-Phase 575 VAC Input &amp; Output</b>						
1.7	1	2.5	FR-E560-0.75K-NA	150 / 5.9	140 / 5.5	136 / 5.4
2.7	2	4.5	FR-E560-1.5K-NA	150 / 5.9	140 / 5.5	136 / 5.4
4	3	5.5	FR-E560-2.2K-NA	150 / 5.9	140 / 5.5	136 / 5.4
6.1	5	9	FR-E560-3.7K-NA	150 / 5.9	220 / 8.7	148 / 5.8
9	7.5	12	FR-E560-5.5K-NA	150 / 5.9	220 / 8.7	148 / 5.8
12	10	17	FR-E560-7.5K-NA	150 / 5.9	220 / 8.7	148 / 5.8
<b>Accessories</b>						
Optional Keypad / Display			FR-PA02-02			



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