



# S500 Series

VARIABLE FREQUENCY DRIVES



SIMPLE  
set-up  
use  
operation

**Low Cost Sub-Micro VFD  
with Mitsubishi Quality**

# S500 SERIES VFD: SIMPLE

**Simple to Use:** The S500 is perfect for a wide range of applications.

**Simple to Set Up:** The digital setting dial with integrated display makes S500 configuration fast and easy.

**Simple Operation:** Control the S500 remotely or with built-in digital control.

**Simple to Choose:** Low cost and Mitsubishi Quality ensure solid solutions.



## 1-Phase 100-115 VAC Input / 3-Phase 230 VAC Output

Rating (CT & VT)		IP20 Open Chassis	Dimensions			
HP	Output Current (Amps)		Model No.	Height mm/in	Width mm/in	Depth mm/in
1/8	0.8	FR-S510W-0.1K-NA	128/5.04	68/2.68	80.5/3.17	0.5/1.1
1/4	1.4	FR-S510W-0.2K-NA	128/5.04	68/2.68	110.5/4.35	0.5/1.1
1/2	2.5	FR-S510W-0.4K-NA	128/5.04	68/2.68	142.5/5.61	0.9/2
1	4.1	FR-S510W-0.75K-NA	128/5.04	108/4.25	149.5/5.89	1.5/3.3

## 1 and 3-Phase 200-240 VAC Input / 3-Phase 200-240 VAC Output

Rating (CT & VT)			IP20 Open Chassis	Dimensions			
HP	Output Current (Amps)			Model No.	Height mm/in	Width mm/in	Depth mm/in
	3-Phase Input	1-Phase Input					
0.12	0.8	0.4	FR-S520-0.1K-NA	128/5.04	68/2.68	80.5/3.17	0.5/1.1
0.25	1.4	0.8	FR-S520-0.2K-NA	128/5.04	68/2.68	80.5/3.17	0.5/1.1
0.5	2.5	1.5	FR-S520-0.4K-NA	128/5.04	68/2.68	112.5/4.43	0.8/1.8
1.0	4.1	2.5	FR-S520-0.75K-NA	128/5.04	68/2.68	132.5/5.22	0.9/2
2.0	7	4	FR-S520-1.5K-NA	128/5.04	108/4.25	135.5/5.33	1.5/3.3
3.0	10	5	FR-S520-2.2K-NA	128/5.04	108/4.25	135.5/5.33	1.5/3.3
5.0	16.5	7	FR-S520-3.7K-NA	128/5.04	170/6.69	142.5/5.61	2.1/4.6

## Options and Accessories

Part Number	DIN Rail Adapter	Notes
FR-E5T	Mounting Adapter	Allows mounting 2.2K and 3.7K S520 VFD in A024 hole pattern
FR-UDA01	DIN Rail Mounting Adapter	Fits FR-S510W-0.1K, 0.2K, 0.4K -NA & FR-S520-0.75K-NA
FR-UDA02	DIN Rail Mounting Adapter	Fits FR-S510W-0.75K-NA & FR-S520- 1.5K, 2.2K -NA
FR-UDA03	DIN Rail Mounting Adapter	Fits FR-S520-3.7K-NA
	EMC Filters for CE compliance	Refer to VFD Options pages in the Selection Guide
	Line Reactors	Refer to VFD Options pages in the Selection Guide

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