



Small General-Purpose AC Inverter *EI-500 Series*

220V Class (1-Phase Input) 1HP~ 3 HP

220V Class (3-Phase Input) 1HP~7.5 HP

440V Class (3-Phase Input) 1HP~10 HP



FEATURE 1

Multiple Functions



- 8 multi-speed settings, 8-step acceleration/ deceleration time, 3 jump frequencies...etc.
- PID control, energy savings control, speed search, auto restarting
- Manual/Auto torque boost, DC injection braking, 150% torque at 1Hz, stall prevention
- Remote speed reference: 0~10VDC, 4~20MA • 0~20MA, analog input, multifunctional input and output terminal, analog output monitor, NPN and PNP input signal switch.
- Removable keypad (Able to read and write parameter)
- RS485 serial communication port, MODBUS message format

FEATURE 2

Broad Application

Transporting Machine

- Conveyer
- Lifting
- Elevator

• Manual/Auto Torque Boost Function
To output larger torque at low speed has its optimal performance.

Public Equipment

- Industrial Laundry
- Car Washing Machine
- Running Machine

8 Multi-Speed Settings

Stall Prevention

PID Control

Food Processing Machine

- Grinder
- Mixer
- Stirrer

UP/DOWN Operation

Flow Machine

- Fan
- Pump
- Blower

Slip Compensation

Energy Savings Control

Printing · Textile Machine

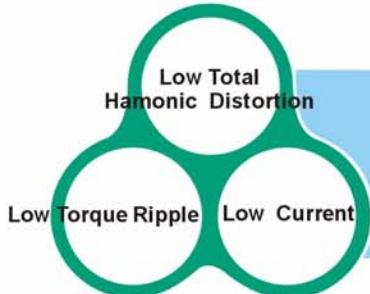
- Printing Machine
- Textile Machine
- Dyer

Air Conditioning

- Freezer
- Air Conditioner
- Air Compressor

FEATURE 3

Space Vector Technology (SVPWM)



High power factor (Low iron loss)

Low rising of motor temperature. (Continuous operation)

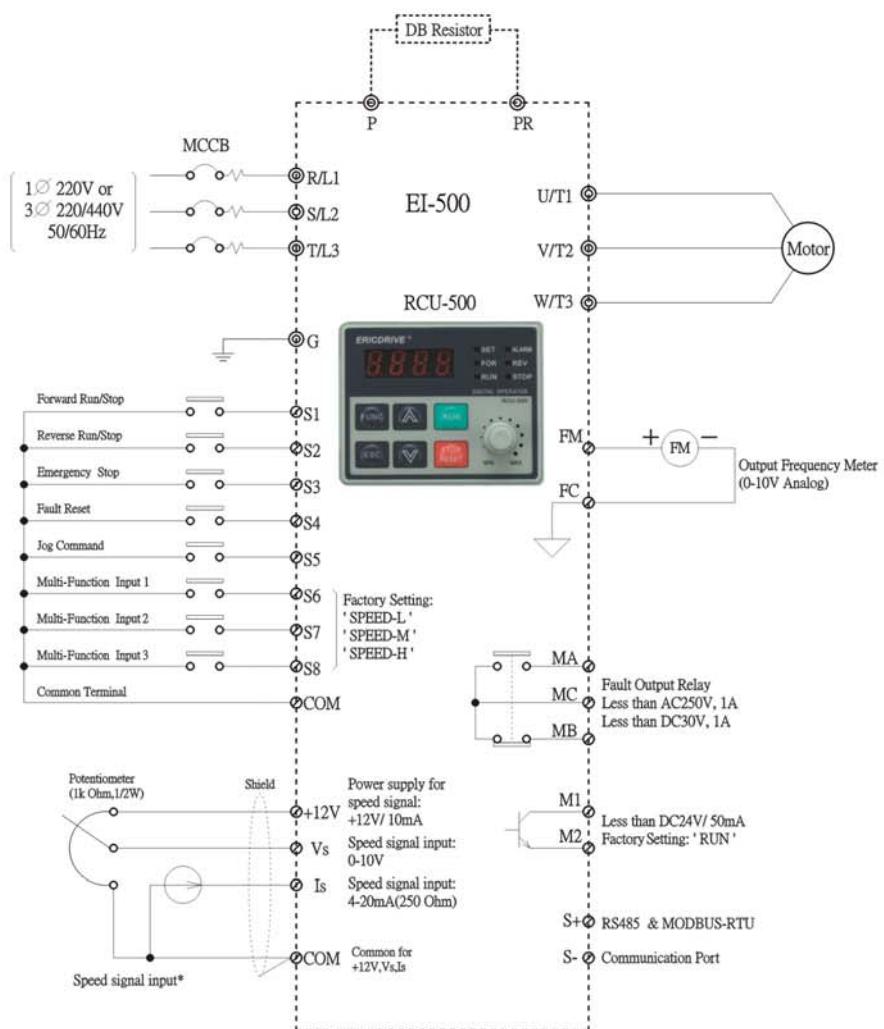
High voltage range (15.9%)

Steady and smooth operation

High torque

FEATURE
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Standard Wiring

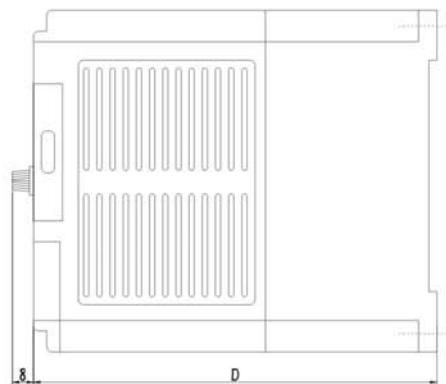


*Analog speed command can be set by voltage, current and both them

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Dimension

Unit:mm

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Digital Operator (RCU-500) User Instruction



Voltage Class	Capacity (HP)	W	H	D	W1	H1	H2	Mass
220V single-phase	1HP	98	130	131	88	117	7	0.9
	2HP	129	130	153	117	118	6	1.5
	3HP	150	130	155	137	117	7	1.8
	1HP	98	130	131	88	117	7	0.9
	2HP	129	130	153	117	118	6	1.5
	3HP	150	130	155	137	117	7	1.8
220V 3-phase	5HP							
	7.5HP	187	198	186	175	186	5	5.0
	1HP	98	130	131	88	117	7	0.9
	2HP	129	130	153	117	118	6	1.5
	3HP	150	130	155	137	117	7	1.8
440V 3-phase	5HP							
	7.5HP	187	198	186	175	186	5	5.0
	10HP							

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