

**ERIC INVERTER**

**EI-Mini Series**

110V 200W~750W  
 220V 200W~1500W  
 440V 750W~1500W



*Small, Quiet, Powerful...just Perfect*



**RICH**  
**ELECTRIC**

# EI-MINI SERIES

## FEATURES:

- Solid state reversing.
- 2-wire or 3-wire control inputs.
- Digital output for "Drive Healthy"
- Constant torque or variable torque V/Hz patterns.
- 100/120 HZ maximum frequency.
- +15Vdc power supply for external devices.
- External inputs for drive enable and fault reset.
- Electronic motor overload protection.



## SPECIFICATIONS:

Specification	EI-MINI-										
	SIZE 1						SIZE 2				
	SP2	SP4	SP7	LP2	LP4	LP7	GP4	GP7	G1P5	FP7	F1P5
Power Rating UP to KW(HP)	0.2(1/4)	0.4(1/2)	0.7(1)	0.2(1/4)	0.4(1/2)	0.7(1)	0.4(1/2)	0.7(1)	1.5(2)	0.7(1)	1.5(2)
AC Input Voltage	1 $\phi$ 100-120(VAC)			1 $\phi$ 200-240(VAC)			3 $\phi$ 200-240(VAC)		3 $\phi$ 380-440(VAC)		
AC Input Frequency	45 ~ 60Hz										
AC Output Voltage	0 to 220V 3 $\phi$ Output			0 to Input Voltage, Three - Phase Output							
AC Output Frequency	0 to 50/60Hz or 0 to 100/120Hz										
AC Output Current(100%)	1.5A	2.4A	4A	1.5A	2.4A	4A	2.4A	4A	7A	2.4A	4A
Overload Capacity (150% for 60 seconds)	2.2A	3.6A	6A	2.2A	3.6A	6A	3.6A	6A	10.5A	3.6A	6A
PWM Switching Frequency	16KHz										
Storage Temperature	-40 $^{\circ}$ C to +65 $^{\circ}$ C (-40 $^{\circ}$ F to 149 $^{\circ}$ F)										
Operating Temperature	0 $^{\circ}$ C to +50 $^{\circ}$ C (32 $^{\circ}$ F to 122 $^{\circ}$ F)										
Operating Modes	Speed Mode, 2-Wire and 3-Wire Modes										
Stop Modes	Ramp Stop, or DC Injection										
Load	Constant Torque or Fan (Variable Torque)										

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