



MESTA ELECTRONICS, INC.

## Induction Heating Inverter Specifications

### Tap-Changing Systems (single output)

Model Number	Output Power (KW) 4*	Output Frequency (kHz) 2*	V out 1* (Volts)	Dimensions (Inches) wxdxh 3*	Estimated Weight (lbs.)
IHINV25K-480-2-T	25	9-11 or 4.5-5.5	300-800 200-600	30x17x36	250
IHINV50K-480-2-T	50	9-11 or 4.5-5.5	600-800 400-1000	36x17x48	450
IHINV75K-480-2-T	75	9-11 or 4.5-5.5	600-1000	40x17x50	550
IHINV100K-480-2-T	100	9-11 or 4.5-5.5	800-1000	40x17x50	550

### Standard Systems (single output)

Model Number	Output Power (KW) 4*	Output Frequency (kHz) 2*	V out 1* (Volts)	Dimensions (inches) wxdxh 3*	Estimated Weight (lbs.)
IHINV25K-480-1	25	9-11	420/210	30x17x36	250
IHINV25K-480-2	25	9-11	316/355	30x17x36	250
IHINV25K-480-3	25	9-11	550	30x17x36	250
IHINV25K-480-4	25	9-11	310/155	30x17x36	250
IHINV50K-480-1	50	9-11	710	36x17x48	450
IHINV50K-480-2	50	9-11	840/420	36x17x48	450
IHINV50K-480-3	50	9-11	310/620	36x17x48	450
IHINV75K-480-1	75	9-11	630	40x17x50	550
IHINV75K-480-3	75	9-11	930/465	40x17x50	550
IHINV100K-480-	100	9-11	620	40x17x50	550

### Dual Inverter Systems (dual output)

Model Number	Output Power (KW) 4*	Output Frequency (kHz) 2*	V out 1* (Volts)	Dimensions (Inches) wxdxh 3*	Estimated Weight (lbs.)
IHINV25K-480-M	(12.5+12.5)	9-11 or 4.5-5.5	1*	30x17x36	300
IHINV50K-480-M	(38+12)	9-11 or 4.5-5.5	1*	36x17x48	500
IHINV75K-480-M	(50+25)	9-11 or 4.5-5.5	1*	40x17x50	550
IHINV100K-480-M	(50+50)	9-11 or 4.5-5.5	1*	40x17x50	600

### Uninterruptible Systems (with integral Battery Back-up)

Uninterruptible systems are available in many of the above configurations (please consult factory)

#### Input Power Specifications:

- AC Input Voltage/Frequency- 480/380 volts  $\pm$  10%, 3 $\phi$  Delta, 60/50 Hz
- Efficiency 97%
- Power Factor .95

#### Control Interface Specifications:

- 0/4-20mA Input Command Signal (voltage, current, power, or tank current)
- 0/4-20mA Output Status Information (voltage, current, power, or tank current)
- Control resolution of one part per 16,000 (.00625%)

#### Environmental

- Cooling -Air cooled
- Operating Ambient Temperature- 0° to 40° c

1\* Consult factory about available output voltages.

2\* Consult factory about additional output frequencies.

3\* Dimensions for height do not include optional floor stand or filter hood

4\* Consult factory about additional output power levels.

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