

## Major Heavy Inrush Modified-Sine Inverters - 3 Phase

**MHI (Major Heavy Inrush)** Series Inverters are transformer-based, heavy duty, industrial quality inverters. **MHI** units provide worry-free, service-free solutions for any inverter requirement for the operation of pumps, motors, and general electrical equipment. Used on service vehicles, agricultural machinery, steel mills, mobile cranes, and other industrial machinery. UL and cUL listed.



### Product Specifications

<b>Output Waveform</b>	Modified Sine-wave
<b>Output Frequency</b>	60 Hz $\pm$ 0.01% 3-Phase/Single Phase
<b>Operating Temp</b>	-20° to 40°C (0° to 104°F)
<b>Efficiency</b>	Better than 85%
<b>Warranty</b>	One full year parts and labor

### Product Features

#### Design Features

- ▶ Thermally-controlled cooling fan
- ▶ AC hardwire hookup
- ▶ Remote ON/OFF switch hookup
- ▶ Elapsed time hour meter
- ▶ Designed to operate pumps & other 3-phase motor equipment

#### Unit Protection

- ▶ Electronic short circuit/overload protection
- ▶ Automatic high temperature shutdown
- ▶ Output circuit breaker
- ▶ Automatic low battery shutdown (with in-rush delay)

### Model Selection Guide

12-24VDC Models	MHI-12/3000H-3PH	MHI-24/3000H-3PH	MHI-24/4500H-3PH	MHI-24/6000H-3PH
<b>Output Voltage</b>	220Y/120 VAC	220Y/120 VAC	220Y/120 VAC	220Y/120 VAC
<b>Output Power (Watts Continuous)</b>	3000	3000	4500	6000
<b>Output Current (A)</b>	Up to 7.8	Up to 7.8	Up to 11.8	Up to 15.7
<b>Peak Output</b>	9000 W	9000 W	18,000 W	24,000 W
<b>Horsepower Rating</b>	2	2	3	5
<b>Input Voltage</b>	12 VDC	24 VDC	24 VDC	24 VDC
<b>Input Current (A)</b>	Up to 300	Up to 150	Up to 225	Up to 300
<b>Weight</b>	129 lbs	129 lbs	132 lbs	137 lbs
<b>Case Size (inches)</b>	16.25 x 26.5 x 11			17.75 x 26.5 x 11

48-250VDC Models	MHI-48/12000HR1-3PH	MHI-250/6000H,400-3PH	MHI-250/9000H,400-3PH
<b>Output Voltage</b>	220Y/120 VAC	440Y/220 VAC	440Y/220 VAC
<b>Output Power (Watts Continuous)</b>	12,000	6000	9000
<b>Output Current (A)</b>	Up to 31	Up to 7.8	Up to 11.8
<b>Peak Output</b>	36,000 W	20,000 W	25,000 W
<b>Horsepower Rating</b>	10	5	7.5
<b>Input Voltage</b>	48 VDC	250 VDC	250 VDC
<b>Input Current (A)</b>	Up to 300	Up to 30	Up to 45
<b>Weight</b>	170 lbs	137 lbs	170 lbs
<b>Case Size (inches)</b>	17.75 x 26.5 x 11	19 x 26.5 x 11	