

## Major Heavy Inrush Quasi-Sine Inverters (48 VDC)

**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, steel mills, mobile cranes, railroads, and other industrial machinery. UL and cUL listed. **MHI** Quasi-Sine units are available in 12, 24, 32, 36, 48, 64, 125, 250, 300, and 600 VDC inputs.



### Product Specifications

<b>Output Frequency</b>	60 Hz $\pm$ 0.05%
<b>Output Waveform</b>	Quasi sine-wave
<b>Operating Temp</b>	0 to 104°F
<b>Efficiency</b>	Up to 92%
<b>Warranty</b>	One full year parts and labor

### Product Features

#### Design Features

- ▶ UL and cUL Listed
- ▶ Solid, rugged, industrial unit
- ▶ Transformer-based
- ▶ Thermally-controlled cooling fan
- ▶ AC hardwire hookup
- ▶ Remote ON/OFF switch hookup
- ▶ WaveForm Stabilizer
- ▶ 120/240 VAC - D Option
- ▶ Battery Charger & Transfer Switch Option

#### Unit Protection

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

### Model Selection Guide

<b>MHI 48VDC</b>	<b>MHI-48/1200</b>	<b>MHI-48/2300</b>	<b>MHI-48/3200D</b>	<b>MHI-48/4800D</b>	<b>MHI-48/5800D</b>	<b>MHI-48/8000D</b>
<b>Output Voltage</b>	120 VAC	120 VAC	120/240 VAC	120/240 VAC	120/240 VAC	120/240 VAC
<b>Output Power (Watts Continuous)</b>	1200	2300	3200	4800	5800	8000
<b>Output Current (A)</b>	Up to 10	Up to 19.1	Up to 30	Up to 40	Up to 60	Up to 80
<b>Peak Output</b>	3600 W	6900 W	9600 W	14,400 W	17,400 W	24,000 W
<b>Horsepower Rating</b>	1/3	1	2	2½	3	3
<b>Input Voltage</b>	48 VDC	48 VDC	48 VDC	48 VDC	48 VDC	48 VDC
<b>Input Current (A)</b>	Up to 31	Up to 56	Up to 80	Up to 120	Up to 145	Up to 200
<b>Weight (lbs)</b>	29	50	65	90	110	125
<b>Case Size (inches)</b>	15 x 8.2 x 7.5	15.5 x 16 x 7.5	16 x 17 x 10		18 x 20 x 12.75	